



Arizona State Retirement System

U.S. Equity Asset Class Review March 19, 2010

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Contents

- ASRS U.S. Equity Asset Class (Aggregate)
 - Asset Class Overview
 - Manager Summary and Style Allocation
 - Quantitative Analysis
 - Rolling Excess Returns
 - Rolling Information Ratios
 - Volatility/Return Bubble Charts
 - Equity Style Analysis
 - Performance Comparison
 - Manager Assessment
 - Takeaways and Other Discussion Topics
- ASRS U.S. Equity Asset Class Manager Review (Individual)
 - Qualitative Analysis
 - People, Philosophy, Process
 - Quantitative Analysis
 - Rolling Excess Returns
 - Rolling Information Ratios
 - Risk Statistics – Peer Group Comparison



U.S. Equity Asset Class (Aggregate)

Note: All of the data included in this report is as of December 31, 2009, unless otherwise noted.



ASRS U.S. Equity Asset Class Overview

• **Market Value: \$11.1B**

• **Passive Allocation: 73%**

• **Active Style Composition:**

➤ Core: 26%

➤ Growth: 37%

➤ Value: 37%

• **Portfolios:**

➤ 7 Passive

➤ 10 Active:

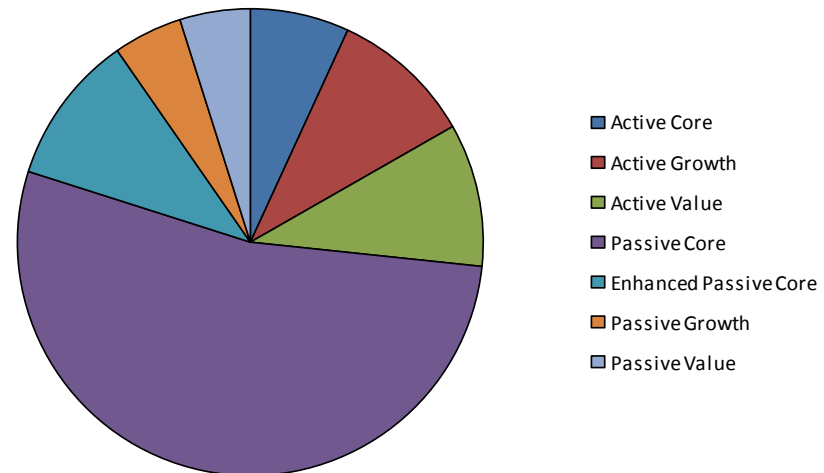
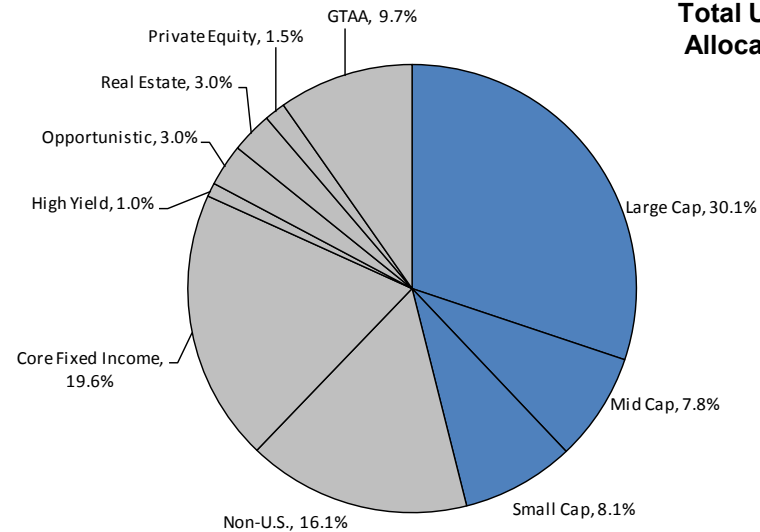
▪ Quantitative: 4

▪ Fundamental: 6

• **Average Fees: 15 bps**

Total Fund: \$24.0 B

**Total U.S. Equity
Allocation: 46%**



Note: U.S. equity allocations exclude GTAA portfolios.



ASRS U.S. Equity Asset Class Mandates

Manager	Style	Benchmark	Inception Date	Expected Alpha (bps)	Portfolio Assets (\$MM)	Strategy Assets (\$MM)
Active Large Cap						
Jacobs Levy	Core (120/20)	S&P 500	10/31/2006	300	\$158.0	\$3,200*
INTECH	Growth	S&P/Citigroup 500 Growth	12/31/2002	350	\$582.9	\$18,822
LSV	Value	S&P/Citigroup 500 Value	12/31/2002	200	\$519.2	\$20,488
Active Mid Cap						
Wellington	Core	S&P 400	6/30/2002	300	\$342.8	\$7,155
CRM	Value	S&P/Citigroup 400 Value	12/31/2003	300	\$121.1	\$6,205
Active Small Cap						
IronBridge	Core (SMID)	Russell 2500	12/31/2007	200	\$138.8	\$1,758
Copper Rock	Growth (SMID)	Russell 2500 Growth	12/31/2007	200	\$73.1	\$886
TimesSquare	Growth (SMID)	Russell 2500 Growth	3/31/2005	215	\$437.4	\$3,596
Champlain	Core	S&P 600	12/31/2007	200	\$117.9	\$2,535
DFA	Value	S&P/Citigroup 600 Value	8/31/1998	200	\$459.3	\$15,654

*Jacobs Levy manages \$3.2 Billion in enhanced active 120-20 and 130-30 strategies.





ASRS U.S. Equity Asset Class Mandates

Manager	Style	Benchmark	Inception Date	Expected Alpha (bps)	Portfolio Assets (\$MM)	Strategy Assets (\$MM)
Passive Large Cap						
ASRS E1	Core	S&P 500	9/30/1995	25	\$1,154.5	N/A
ASRS E2	Core	S&P 500	3/31/1997	5	\$3,466.4	N/A
BlackRock ¹	Core	S&P 500	7/31/1989	0	\$1,356.3	\$126,920
Passive Mid Cap						
SSgA	Core	S&P 400	1/31/2000	0	\$341.5	\$8,128
ASRS E3	Growth	S&P/Citigroup 400 Growth	11/30/2000	10	\$528.9	N/A
ASRS E4	Value	S&P/Citigroup 400 Value	6/30/2002	10	\$539.1	N/A
Passive Small Cap						
ASRS E6	Core	S&P 600	2/1/2007	10	\$727.3	N/A

¹On December 1, 2009, BlackRock completed its \$15.2 Billion acquisition of Barclays Global Investors, and all fund names were changed from BGI to BlackRock. The combined firms will operate under the name BlackRock Institutional Trust Company.



ASRS U.S. Equity Manager Summary

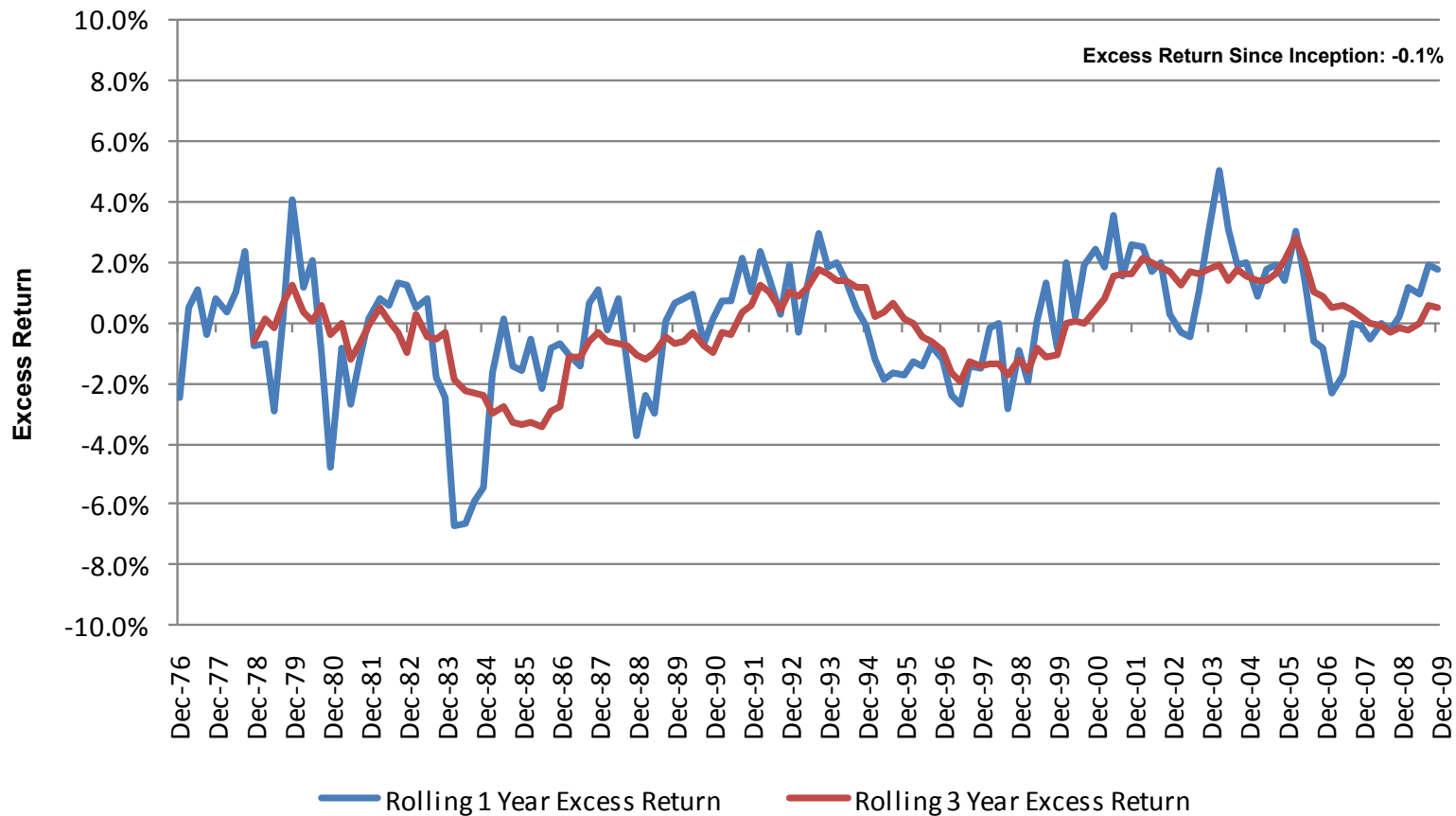
	Growth	Core	Value	Total
Large	5.3%	55.4%	4.7%	65.4%
Mid	4.8%	6.1%	6.0%	16.9%
Small	4.6%	8.9%	4.2%	17.7%
Total	14.7%	70.4%	14.9%	100%

Manager Name	Assets Under Management (\$MM)	% of Domestic Equity
Active Large Cap Equity		
Jacobs Levy - Core	\$ 158.0	1.4%
INTECH - Growth	\$ 582.9	5.3%
LSV - Value	\$ 519.2	4.7%
Passive Large Cap Equity		
Internally Managed ASRS E1 - Core	\$ 1,154.5	10.4%
Internally Managed ASRS E2 - Core	\$ 3,466.4	31.3%
BlackRock Investment Trust Company - Core	\$ 1,356.3	12.3%
Total Large Cap Equity	\$ 7,237.3	65.4%
Active Mid Cap Equity		
Wellington - Core	\$ 342.8	3.1%
CRM - Value	\$ 121.1	1.1%
Passive Mid Cap Equity		
State Street Global Advisors - Core	\$ 341.5	3.1%
Internally Managed ASRS E3 - Growth	\$ 528.9	4.8%
Internally Managed ASRS E4 - Value	\$ 539.1	4.9%
Total Mid Cap Equity	\$ 1,873.4	16.9%
Active Small Cap Equity		
Champlain - Core	\$ 117.9	1.1%
IronBridge - Core	\$ 138.8	1.3%
TimesSquare - Growth	\$ 437.4	4.0%
Copper Rock - Growth	\$ 73.1	0.7%
DFA - Value	\$ 459.3	4.2%
Passive Small Cap Equity		
Internally Managed ASRS E6 - Core	\$ 727.3	6.6%
Total Small Cap Equity	\$ 1,953.8	17.7%
Total Domestic Equity	\$ 11,064.5	100.0%



ASRS U.S. Equity Rolling Excess Returns

Combined Domestic Equity vs. Combined Domestic Equity Benchmark¹ Excess Returns Since Inception (June 30, 1975) – December 31, 2009



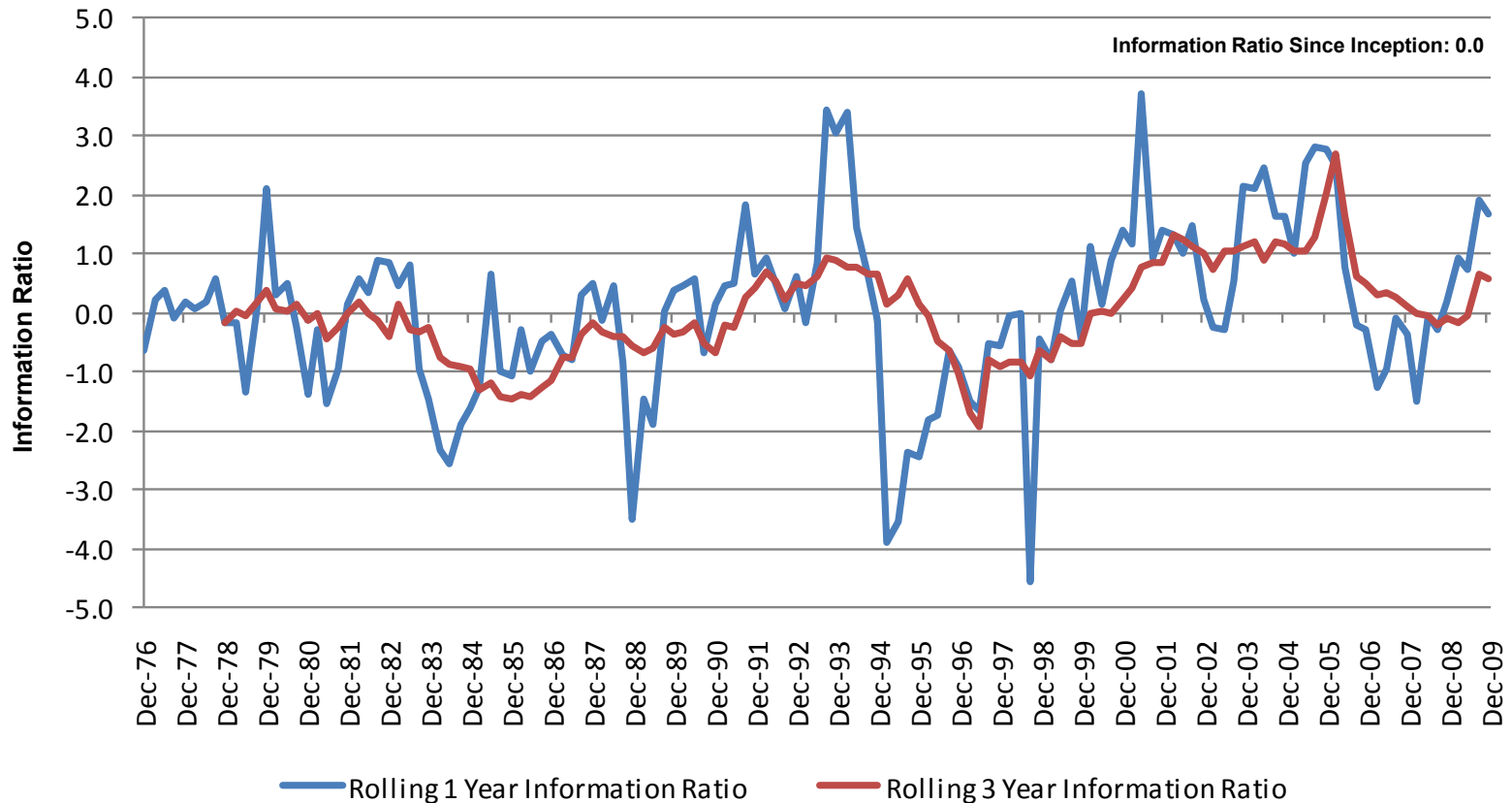
¹In Combined Domestic Equity Benchmark comprised of 74% S&P 500 / 13% S&P 400 / 13% S&P 600 from January 2007 – forward. Prior to January 2007, the index was the S&P 500.

Note: Based on quarterly, net of fee performance data, since inception.



ASRS U.S. Equity Rolling Information Ratios

Rolling Information Ratio Since Inception (June, 30, 1975) – December 31, 2009



¹In Combined Domestic Equity Benchmark comprised of 74% S&P 500 / 13% S&P 400 / 13% S&P 600 from January 2007 – forward. Prior to January 2007, the index was the S&P 500.

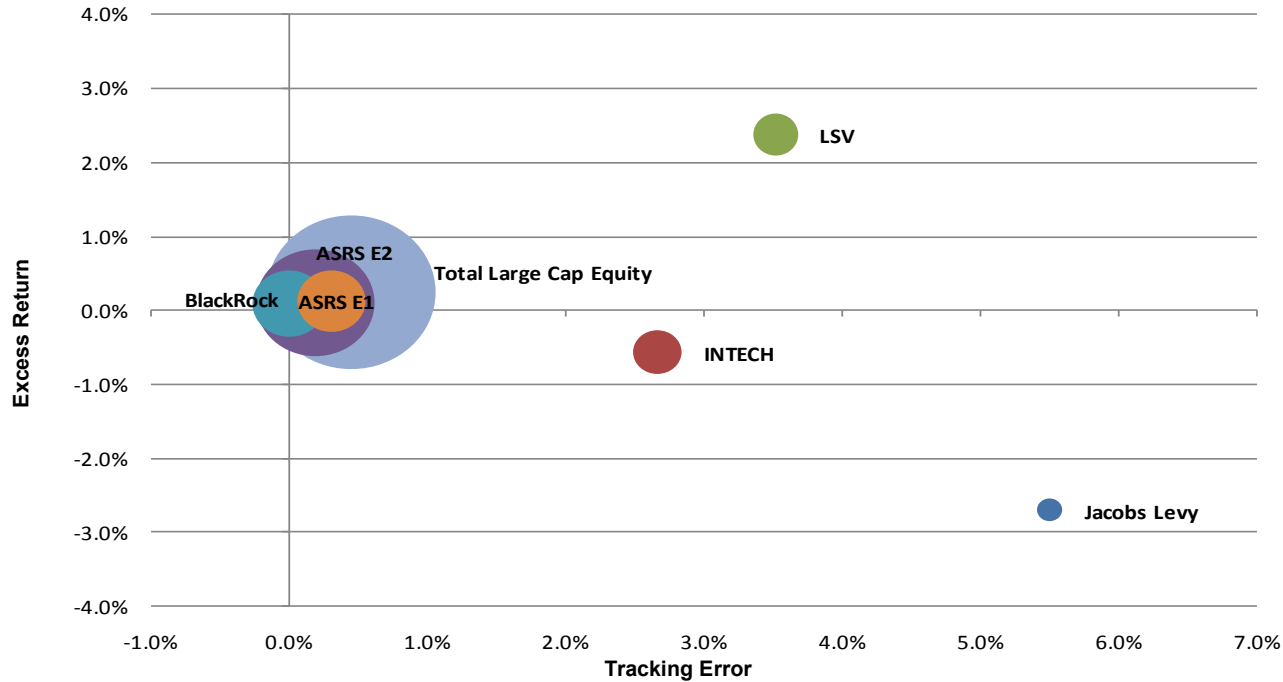
Note: Based on quarterly, net of fee performance data, since inception.



ASRS U.S. Large Cap Equity Volatility/Return

Volatility/Return Bubble Chart

For the Five Year Period Ending December 31, 2009



Manager	Portfolio Assets (\$MM)	Inception Date	Alpha	Tracking Error	Information Ratio
Jacobs Levy	\$158.0	10/31/2006	-2.7%	5.5%	-0.5
INTECH	\$582.9	12/31/2002	-0.6%	2.7%	-0.2
LSV	\$519.2	12/31/2002	2.4%	3.5%	0.7
ASRS E1	\$1,154.5	9/30/1995	0.1%	0.3%	0.4
ASRS E2	\$3,466.4	3/31/1997	0.1%	0.2%	0.5
BlackRock	\$1,356.3	7/31/1989	0.1%	0.0%	0.0
Total Large Cap Equity	\$7,237.3	6/30/2002	0.2%	0.5%	0.5

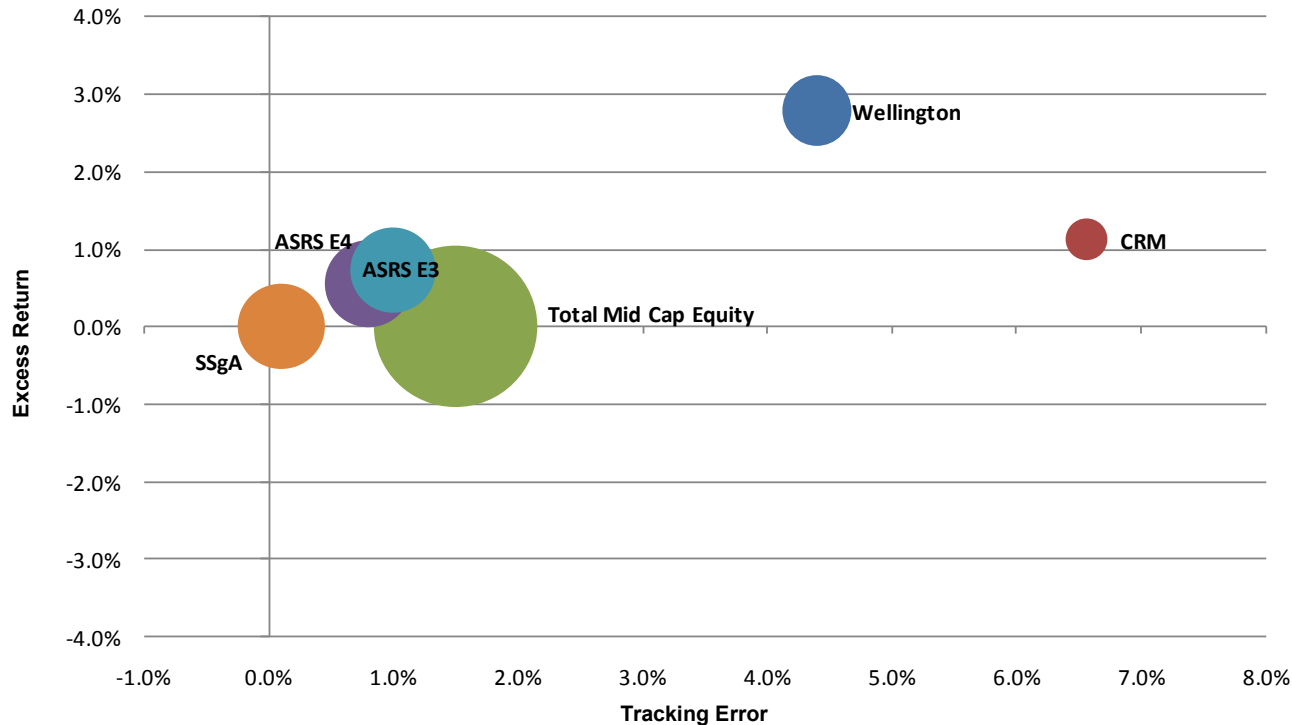
Note: Based on monthly, net of fee performance data, since inception. For managers with less than five years of performance data, inception to date metrics have been provided. Jacobs Levy 120/20 Composite performance history is linked with ASRS portfolio performance. Jacobs Levy 120/20 Composite inception date is July 2005.



ASRS U.S. Mid Cap Equity Volatility/Return

Volatility/Return Bubble Chart

For the 5 Year Period Ending December 31, 2009



Manager	Portfolio Assets (\$MM)	Inception Date	Alpha	Tracking Error	Information Ratio
Wellington	\$342.8	6/30/2002	2.8%	4.4%	0.6
CRM	\$121.1	12/31/2003	1.1%	6.6%	0.2
SSgA	\$341.5	1/31/2000	0.0%	0.1%	0.3
ASRS E3	\$528.9	11/30/2000	0.7%	1.0%	0.7
ASRS E4	\$539.1	6/30/2002	0.6%	0.8%	0.7
Total Mid Cap Equity	\$1,873.4	6/30/2002	0.0%	1.5%	0.0

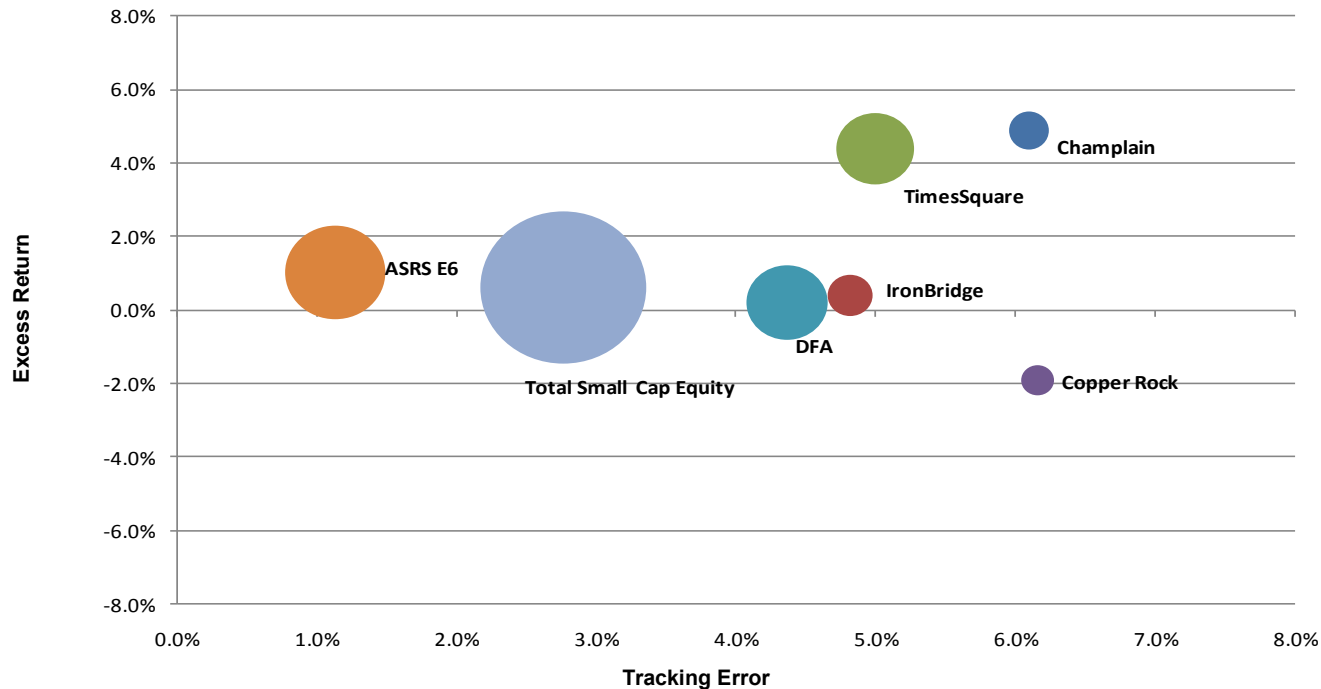
Note: Based on monthly, net of fee performance data, since inception.



ASRS U.S. Small Cap Equity Volatility/Return

Volatility/Return Bubble Chart

For the Five Year Period Ending December 31, 2009

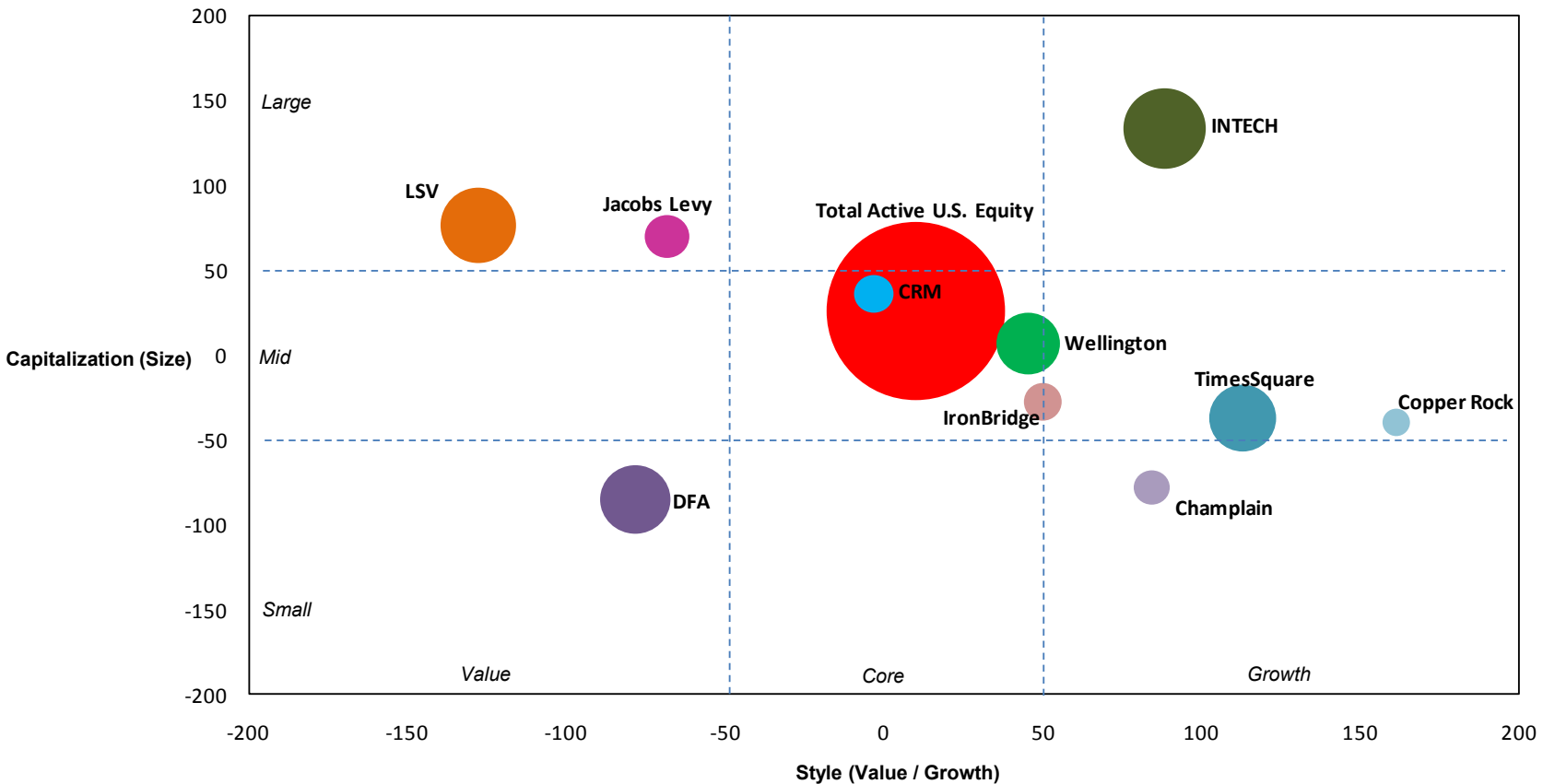


Manager	Portfolio Assets (\$MM)	Inception Date	Alpha	Tracking Error	Information Ratio
Champlain	\$117.9	12/31/2007	4.9%	6.1%	0.8
IronBridge	\$138.8	12/31/2007	0.4%	4.8%	0.1
TimesSquare	\$437.4	3/31/2005	4.4%	5.0%	0.9
Copper Rock	\$73.1	12/31/2007	-1.9%	6.2%	-0.3
DFA	\$459.3	8/31/1998	0.2%	4.4%	0.1
ASRS E6	\$727.3	1/31/2007	1.0%	1.1%	0.9
Total Small Cap Equity	\$1,953.8	6/30/2002	0.6%	2.8%	0.2

Note: Based on monthly, net of fee performance data, since inception. For managers with less than five years of performance data, inception to date metrics have been provided. Champlain, Copper Rock and IronBridge composite fund data is linked with ASRS portfolio performance. Champlain composite inception date is January 1996; Copper Rock composite inception date is July 2005; IronBridge composite inception date is April 2004.



ASRS U.S. Active Equity Managers Style Analysis



Manager	Capitalization (Size)	Style (Value/Growth)	Portfolio Assets (\$MM)	Manager	Capitalization (Size)	Style (Value/Growth)	Portfolio Assets (\$MM)
Jacobs Levy	70.2	-68.4	\$ 158.0	Champlain	-78.0	84.5	\$ 117.9
INTECH	133.6	88.5	\$ 582.9	IronBridge	-27.2	50.0	\$ 138.8
LSV	76.4	-127.8	\$ 519.2	TimesSquare	-37.0	112.9	\$ 437.4
Wellington	6.9	45.6	\$ 342.8	Copper Rock	-39.6	161.5	\$ 73.1
CRM	36.1	-3.1	\$ 121.1	DFA	-84.9	-78.3	\$ 459.3
Total Active U.S. Equity				Total Active U.S. Equity	25.7	10.2	\$ 2,950.5

Note: Equity Style Analysis is based on Morningstar Size and VCG Scores and Morningstar Style Box™ methodology. Style analysis data based on holdings provided by the Fund's custodian bank as of 12/31/2009.





ASRS U.S. Large Cap Equity Performance

	Ending Market Value	Last Quarter	Rank	Fiscal Year to-Date	Rank	One Year	Rank	Annualized Returns						Inception Date	
								Three Years	Rank	Five Years	Rank	Ten Years	Rank		Since Inception
Combined Domestic Equity	\$11,064,531,173	5.9%	45	23.7%	46	29.5%	59	-4.4%	56	1.3%	61	0.5%	76	10.8%	Jun-75
Combined Domestic Equity Index ¹		5.9%		23.5%		27.9%		-5.0%		0.8%		-0.7%		10.8%	
Performance Variance		0.0%		0.3%		1.7%		0.5%		0.4%		1.2%		-0.1%	
ICC Equity Funds Median		5.7%		23.3%		32.0%		-3.8%		2.1%		4.4%		--	
Total Large Cap Equity	\$7,237,337,411	6.1%	46	22.6%	52	27.0%	61	-5.4%	60	0.7%	67	n/a		3.8%	Jun-02
S&P 500		6.0%		22.6%		26.5%		-5.6%		0.4%		-0.9%		2.6%	
Performance Variance		0.1%		0.0%		0.5%		0.3%		0.2%		n/a		1.2%	
ICC Large Cap Equity Funds Median		6.1%		22.7%		28.7%		-4.7%		1.3%		3.2%		--	
ACTIVE LARGE CAP EQUITY															
Jacobs Levy	\$158,045,646	5.5%	63	21.8%	62	22.4%	81	-9.1%	95	n/a		n/a		-7.8%	Oct-06
S&P 500		6.0%		22.6%		26.5%		-5.6%		0.4%		-0.9%		-4.4%	
Performance Variance		-0.5%		-0.8%		-4.1%		-3.5%		n/a		n/a		-3.5%	
ICC Large Cap Core Equity Funds Median		5.9%		22.3%		27.1%		-5.0%		1.4%		3.7%		--	
INTECH	\$582,908,356	8.0%	26	20.3%	68	27.7%	78	-3.2%	60	1.0%	66	n/a		6.5%	Dec-02
S&P/Citigroup 500 Growth ²		7.8%		22.4%		31.6%		-2.2%		1.5%		-2.9%		5.3%	
Performance Variance		0.2%		-2.1%		-3.9%		-1.0%		-0.6%		n/a		1.1%	
ICC Large Cap Growth Equity Funds Median		7.3%		22.3%		34.3%		-2.0%		2.0%		-0.2%		--	
LSV	\$519,217,248	4.9%	47	26.4%	11	31.6%	19	-7.3%	37	1.6%	18	n/a		8.2%	Dec-02
S&P/Citigroup 500 Value ²		4.2%		22.9%		21.2%		-9.1%		-0.8%		0.8%		5.6%	
Performance Variance		0.6%		3.5%		10.5%		1.8%		2.4%		n/a		2.6%	
ICC Large Cap Value Equity Funds Median		4.9%		24.2%		25.1%		-7.8%		0.6%		4.7%		--	
ENHANCED/PASSIVE LARGE CAP EQUITY															
Internally Managed E1	\$1,154,515,944	6.1%	41	22.7%	38	26.8%	54	-5.6%	68	0.5%	72	-0.9%	93	6.5%	Sep-95
S&P 500		6.0%		22.6%		26.5%		-5.6%		0.4%		-0.9%		6.5%	
Performance Variance		0.0%		0.1%		0.3%		0.0%		0.1%		0.1%		0.0%	
Internally Managed E2	\$3,466,359,251	6.0%	42	22.7%	38	26.7%	56	-5.6%	66	0.5%	73	-0.9%	93	5.0%	Mar-97
S&P 500		6.0%		22.6%		26.5%		-5.6%		0.4%		-0.9%		4.9%	
Performance Variance		0.0%		0.1%		0.2%		0.1%		0.1%		0.1%		0.1%	
BlackRock	\$1,356,290,898	6.1%	35	22.7%	37	26.8%	54	-5.5%	65	0.5%	73	-0.9%	93	8.3%	Jul-89
Core Equity Index		6.0%		22.6%		26.5%		-5.6%		0.4%		-0.9%		8.2%	
Performance Variance		0.1%		0.1%		0.3%		0.1%		0.1%		0.1%		0.0%	
ICC Large Cap Core Equity Funds Median		5.9%		22.3%		27.1%		-5.0%		1.4%		3.7%		--	

¹Combined Domestic Equity Index comprised of 74% S&P 500 / 13% S&P 400 / 13% S&P 600. Prior to January 2007, the index was the S&P 500.

²In mid-December 2005, the S&P/Citigroup style indices replaced the S&P/Barra style indices. Returns are a blend of S&P/Barra indices prior to mid-December 2005, and S&P/Citigroup indices going forward.

Note: Manager performance is reported net of fees. Ranks and ICC medians are based on gross of fee performance data.



ASRS U.S. Mid Cap Equity Performance

	Ending Market Value	Last Quarter	Rank	Fiscal Year to-Date	Rank	One Year	Rank	Annualized Returns						Inception Date
								Three Years	Rank	Five Years	Rank	Ten Years	Rank	
Total Mid Cap Equity	\$1,873,432,853	5.8%	51	25.6%	51	36.5%	54	-1.3%	44	3.3%	61	n/a	7.0%	Jun-02
S&P MidCap 400		5.6%		26.7%		37.4%		-1.8%		3.3%		6.4%	6.8%	
Performance Variance		0.2%		-1.1%		-0.9%		0.5%		0.0%		n/a	0.2%	
ICC MidCap Equity Funds Median		5.8%		25.7%		37.4%		-1.7%		4.5%		7.3%	--	
ACTIVE MID CAP EQUITY														
Wellington	\$342,771,109	5.8%	47	21.8%	83	30.5%	76	1.2%	14	6.1%	14	n/a	8.9%	Jun-02
S&P MidCap 400		5.6%		26.7%		37.4%		-1.8%		3.3%		6.4%	6.8%	
Performance Variance		0.2%		-4.8%		-6.9%		3.0%		2.8%		n/a	2.1%	
ICC MidCap Core Equity Funds Median		5.7%		25.6%		35.0%		-2.6%		3.3%		7.8%	--	
Cramer, Rosenthal & McGlynn	\$121,124,105	5.4%	44	19.1%	100	28.9%	78	-2.2%	23	3.8%	26	n/a	7.2%	Dec-03
S&P/Citigroup 400 Value ¹		5.5%		28.1%		33.7%		-3.7%		2.7%		8.9%	5.2%	
Performance Variance		-0.1%		-9.0%		-4.9%		1.4%		1.1%		n/a	2.0%	
ICC MidCap Value Equity Funds Median		5.3%		28.5%		36.3%		-3.9%		3.3%		11.3%	--	
PASSIVE MID CAP EQUITY														
SSgA	\$341,457,334	5.6%	56	26.7%	31	37.3%	29	-1.8%	46	3.3%	50	n/a	6.8%	Jan-00
S&P MidCap 400		5.6%		26.7%		37.4%		-1.8%		3.3%		6.4%	6.7%	
Performance Variance		0.0%		0.0%		-0.1%		0.0%		0.0%		n/a	0.1%	
ICC MidCap Core Equity Funds Median		5.7%		25.6%		35.0%		-2.6%		3.3%		7.8%	--	
Internally Managed E3	\$528,987,797	6.2%	47	26.0%	46	43.0%	49	1.1%	40	4.5%	66	n/a	4.4%	Nov-00
S&P/Citigroup 400 Growth ¹		5.6%		25.2%		41.1%		0.0%		3.7%		n/a	3.8%	
Performance Variance		0.6%		0.8%		2.0%		1.2%		0.7%		n/a	0.7%	
ICC MidCap Growth Equity Funds Median		6.1%		25.4%		43.0%		-0.5%		5.3%		6.6%	--	
Internally Managed E4	\$539,092,508	5.5%	44	28.2%	53	34.0%	53	-2.8%	29	3.3%	53	n/a	7.3%	Jun-02
S&P/Citigroup 400 Value ¹		5.5%		28.1%		33.7%		-3.7%		2.7%		8.9%	6.9%	
Performance Variance		0.0%		0.1%		0.3%		0.9%		0.6%		n/a	0.4%	
ICC MidCap Value Equity Funds Median		5.3%		28.5%		36.3%		-3.9%		3.3%		11.3%	--	

¹In mid-December 2005, the S&P/Citigroup style indices replaced the S&P/Barra style indices. Returns are a blend of S&P/Barra indices prior to mid-December 2005, and S&P/Citigroup indices going forward.

Note: Manager performance is reported net of fees. Ranks and ICC medians are based on gross of fee performance data.



ASRS U.S. Small Cap Equity Performance

	Ending Market Value	Last Quarter	Rank	Fiscal Year to-Date	Rank	One Year	Rank	Annualized Returns						Inception Date	
								Three Years	Rank	Five Years	Rank	Ten Years	Rank		Since Inception
Total Small Cap Equity	\$1,953,760,909	5.4%	40	26.3%	32	32.4%	59	-3.6%	53	1.9%	66	n/a		7.1%	Jun-02
ASRS Small Cap Equity Blended Benchmark ¹		5.1%		24.7%		25.6%		-4.8%		1.3%		n/a		6.0%	
Performance Variance		0.3%		1.6%		6.8%		1.2%		0.6%		n/a		1.0%	
ICC Small Cap Equity Funds Median		5.1%		24.2%		34.7%		-2.9%		3.1%		9.0%		--	
ACTIVE SMALL/MID CAP EQUITY															
CopperRock	\$73,069,066	4.8%	55	19.4%	73	32.2%	67	n/a		n/a		n/a		-15.5%	Dec-07
Russell 2500 Growth		5.6%		23.7%		41.7%		-3.1%		2.0%		-0.2%		-9.0%	
Performance Variance		-0.8%		-4.3%		-9.5%		n/a		n/a		n/a		-6.6%	
TimesSquare	\$437,397,754	8.3%	5	28.1%	8	43.3%	16	2.6%	2	n/a		n/a		7.5%	Mar-05
Russell 2500 Growth		5.6%		23.7%		41.7%		-3.1%		2.0%		-0.2%		3.1%	
Performance Variance		2.7%		4.4%		1.6%		5.7%		n/a		n/a		4.4%	
ICC Small Cap Growth Equity Funds Median		5.2%		22.3%		36.3%		-2.1%		3.1%		4.2%		--	
IronBridge	\$138,817,706	3.6%	72	19.1%	89	27.8%	54	n/a		n/a		n/a		-7.5%	Dec-07
Russell 2500		5.1%		26.2%		34.4%		-4.9%		1.6%		4.9%		-7.8%	
Performance Variance		-1.5%		-7.0%		-6.5%		n/a		n/a		n/a		0.3%	
ICC Small Cap Core Equity Funds Median		5.1%		25.1%		29.7%		-3.7%		3.1%		10.7%		--	
ACTIVE SMALL CAP EQUITY															
Champlain	\$117,867,762	3.5%	72	18.2%	92	24.9%	73	n/a		n/a		n/a		-2.9%	Dec-07
S&P 600		5.1%		24.7%		25.6%		-4.8%		1.4%		6.4%		-7.0%	
Performance Variance		-1.6%		-6.5%		-0.7%		n/a		n/a		n/a		4.1%	
ICC Small Cap Core Equity Funds Median		5.1%		25.1%		29.7%		-3.7%		3.1%		10.7%		--	
DFA	\$459,271,050	4.6%	58	33.7%	18	36.9%	47	-6.4%	72	1.3%	66	9.1%	71	10.3%	Aug-98
DFA Blended Benchmark ²		4.4%		25.4%		22.8%		-6.5%		1.1%		8.9%		9.0%	
Performance Variance		0.2%		8.3%		14.1%		0.1%		0.2%		0.2%		1.3%	
ICC Small Cap Value Equity Funds Median		5.4%		29.8%		36.8%		-2.4%		3.6%		10.3%		--	
PASSIVE SMALL CAP EQUITY															
Internally Managed E6	\$727,337,571	5.0%	56	24.6%	58	26.0%	72	n/a		n/a		n/a		-4.6%	Jan-07
S&P 600		5.1%		24.7%		25.6%		-4.8%		1.4%		6.4%		-5.6%	
Performance Variance		-0.2%		-0.1%		0.4%		n/a		n/a		n/a		1.0%	
ICC Small Cap Core Equity Funds Median		5.1%		25.1%		29.7%		-3.7%		3.1%		10.7%		--	

¹ASRS Small Cap Equity Blended Benchmark is a blend of the Russell 2000 Index prior to January 2007, and the S&P 600 Index from January 2007 - forward.

²DFA Blended Benchmark is a blend of the Russell 2000 Value Index prior to January 2007, and the S&P/Citigroup 600 Value Index from January 2007 - forward.

Note: Manager performance is reported net of fees. Ranks and ICC medians are based on gross of fee performance data.



Manager Assessment (NEPC)

Manager	Strategy	Conviction Level	NEPC Focused Placement List Strategy
Jacobs Levy	Enhanced Large Cap Core	Mild	No
INTECH	Active Large Cap Growth	Mild	No
LSV	Active Large Cap Value	Mild	No
Wellington	Active Mid Cap Core	High	Yes
CRM	Active Mid Cap Value	Mild	No
Champlain	Active Small Cap Core	Mild	No
IronBridge	Active Small/Mid Cap Core	High	Yes
TimesSquare	Active Small/Mid Cap Growth	Mild	No
Copper Rock	Active Small/Mid Cap Growth	High	Yes
DFA	Active Small Cap Value	High	Yes ¹

“High Conviction Level” strategies denote NEPC’s belief that the manager has above average prospects of generating alpha going forward.

“Mild Conviction Level” strategies denote NEPC’s belief that the manager has average prospects of generating alpha going forward.

“Low Conviction Level” strategies denote NEPC’s belief that the manager has below average prospects of generating alpha going forward.

NEPC’s Focused Placement List represents internally vetted managers and strategies we put forward to clients who are conducting a search. Criteria for inclusion vary per asset class.

¹DFA US Targeted Small Cap Value Mutual Fund is on NEPC’s Focused Placement List.



Takeaways and Other Discussion Topics

- The ASRS U.S. Equity Portfolio has detracted 0.1% of value since inception (June 1975)
 - The portfolio's standard deviation since inception is 30 basis points higher than that of the index.
 - In 2009, the U.S. Equity portfolio added 1.7% of alpha, mainly due to strong performance from LSV and DFA, who each outperformed their index by at least 10% during the period. The portfolio ranks in the 59th percentile of ICC Equity Funds for the one-year period.
- The Fund's Large Cap Equity portfolio has added 1.2% of alpha since inception (June 2002)
 - INTECH has struggled over the past two years in an environment that did not favor quantitative managers, but has provided 1.1% of alpha since inception, with lower volatility than its index.
 - After a strong year in which LSV out performed the index by 10.5%, they have now provided 2.6% of alpha since inception, and rank well among peers, ranking in the top 20% of its peers for the fiscal year-to-date, one- and five-year periods.
 - Jacobs Levy has returned -3.5% of alpha since inception, with significantly higher volatility than the index.
- Despite underperforming over the past year, the Fund's current active U.S. mid cap equity managers have performed well over the long term, with significantly less volatility than their indices
 - Wellington has added 2.1% alpha since inception, with 1.0% less volatility than the index over the period.
 - CRM has added 2.0% alpha since inception, with 3.7% less volatility than its index over the period.
- In aggregate, the Fund's active U.S. small and small/mid cap managers had a strong year in 2009, outperforming the index by 6.8%
 - DFA is approximately 24% of the Fund's small/sm mid cap allocation, and outperformed its index by 14.1% for the year, accounting for almost all of the outperformance for the period.
 - TimesSquare is approximately 22% of the Fund's allocation to small/sm mid cap, and returned 43.3%, outperforming its index by 1.6% for the year.
 - Champlain, IronBridge and Copper Rock were all funded near the beginning of one of the most volatile market environments we've ever seen, and all struggled to outperform in the low quality rally of 2009.
 - Blended performance of Champlain's and IronBridge's Composite with that of ASRS reflects attractive risk/return benefits over longer time periods.
- Structure of the U.S. Equity Portfolio
 - Active/Passive Mix
 - Growth/Value Mix
 - Process Mix (Top Down/Bottom Up)



2010 Outlook for U.S. Equities (NEPC)

- 2010 will be Jeckyll and Hyde year
 - Managers anticipate a rally in first half of 2010 driven mainly by EPS growth
 - Fed's tightening cycle will be the story in second half of 2010
- Slight Increase in Manufacturing
 - Ongoing rebuilding of inventory
 - Government spending on infrastructure
 - Stronger demand from emerging countries
- Stock-Pickers Market
 - 2010 should favor active, fundamental managers
 - Phase of "easy money" has passed given elevated asset prices; low quality rally is over
 - Correlations move toward more normal levels
 - High quality companies against uneven recoveries
 - Valuation discipline – important to know when to sell
- VIX continues to trend downward, the yield curve remains attractive.



U.S. Large Cap Equity Manager Reviews (Individual)

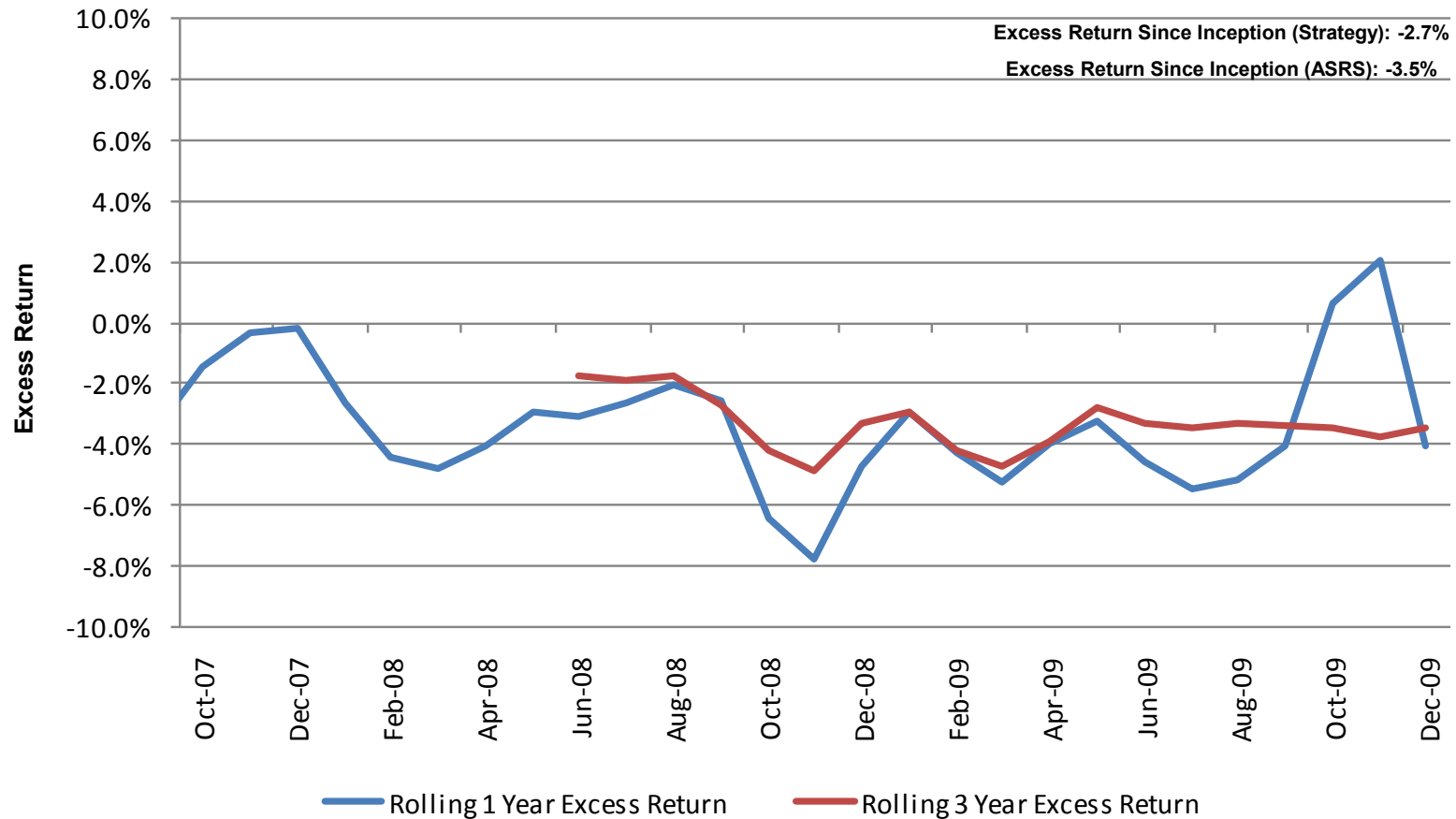


Jacobs Levy Equity Management

Factors	Description
People	<ul style="list-style-type: none">• Jacobs Levy is an independent investment firm. Principals Bruce Jacobs and Ken Levy founded the firm in 1986 and serve as Co-Portfolio Managers and Co-Directors of Research.• The research team is composed of four senior Ph.D. researchers and twelve Investment Systems Analysts with advanced degrees, including three with Ph.D. degrees.
Philosophy	<ul style="list-style-type: none">• Believe market inefficiencies can be detected and exploited by “disentangling” stock returns to find true sources of alpha.• Believe one must maintain a dynamic and forward looking approach.
Process	<ul style="list-style-type: none">• Models look at prices, company information, economic conditions and investors’ human behavior.• Long/short investing permits more meaningful security under- and overweights.• Optimizer integrates the long and short positions relative to benchmark weights, accounts for hard to borrow stocks and actively limits the downside on short positions.• Sophisticated trading techniques and capacity constraints minimize transaction costs.• No leverage is used to obtain market exposure; short sales pay for additional longs; longs serve as collateral for shorts.• Broadly diversified across stocks, market inefficiencies and sectors.

Jacobs Levy vs. S&P 500

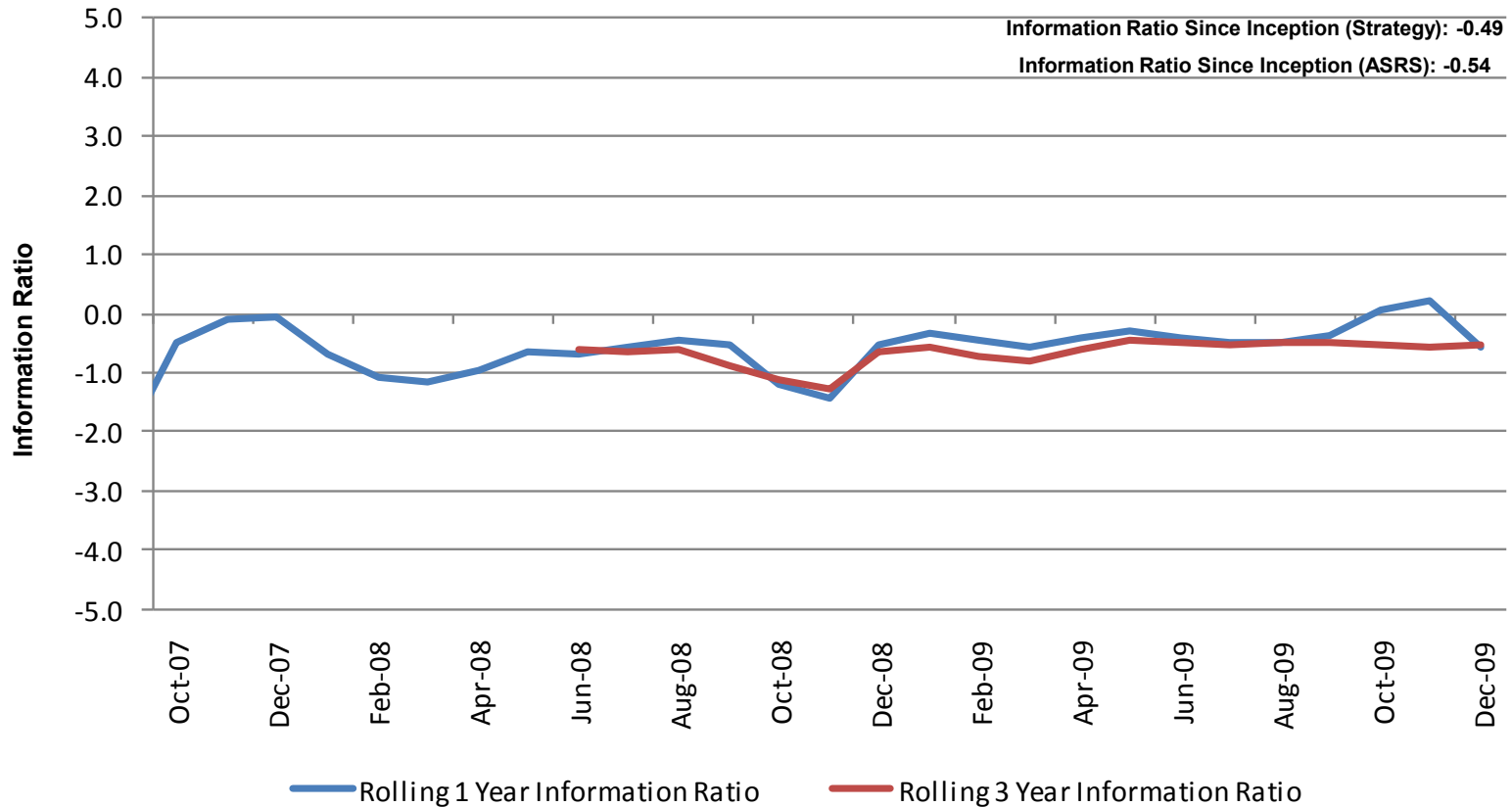
Excess Returns Since Inception¹ (June 30, 2005) – December 31, 2009



¹Net of Fee performance of the Jacobs Levy 120/20 Composite was linked with ASRS portfolio performance. Composite data provided by Jacobs Levy Equity Management. Inception date of ASRS portfolio is October 31, 2006.

Note: Based on monthly, net of fee performance data, since inception.

Rolling Information Ratios Since Inception¹ (June 30, 2005) – December 31, 2009



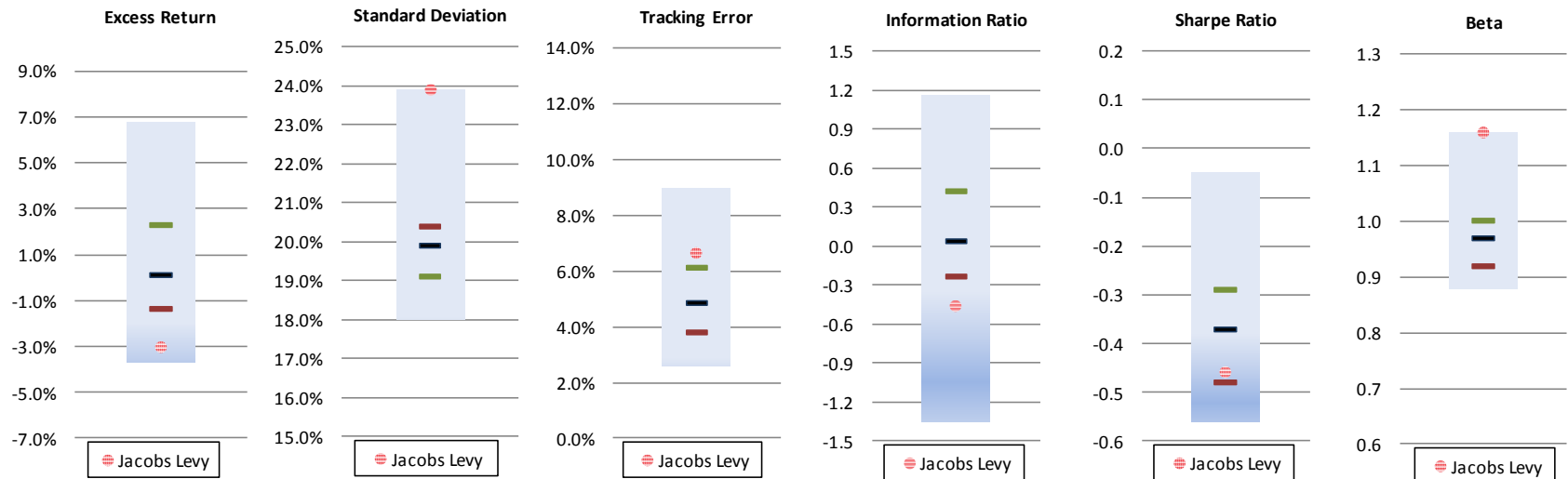
¹Net of Fee performance of the Jacobs Levy 120/20 Composite was linked with ASRS portfolio performance. Composite data provided by Jacobs Levy Equity Management. Inception date of ASRS portfolio is October 31, 2006.

Note: Based on monthly, net of fee performance data, since inception.

Jacobs Levy vs. S&P 500

Risk and Return Characteristics vs. U.S. 130/30/Extended Equity Universe

For the 3-Year Period Ending December 31, 2009



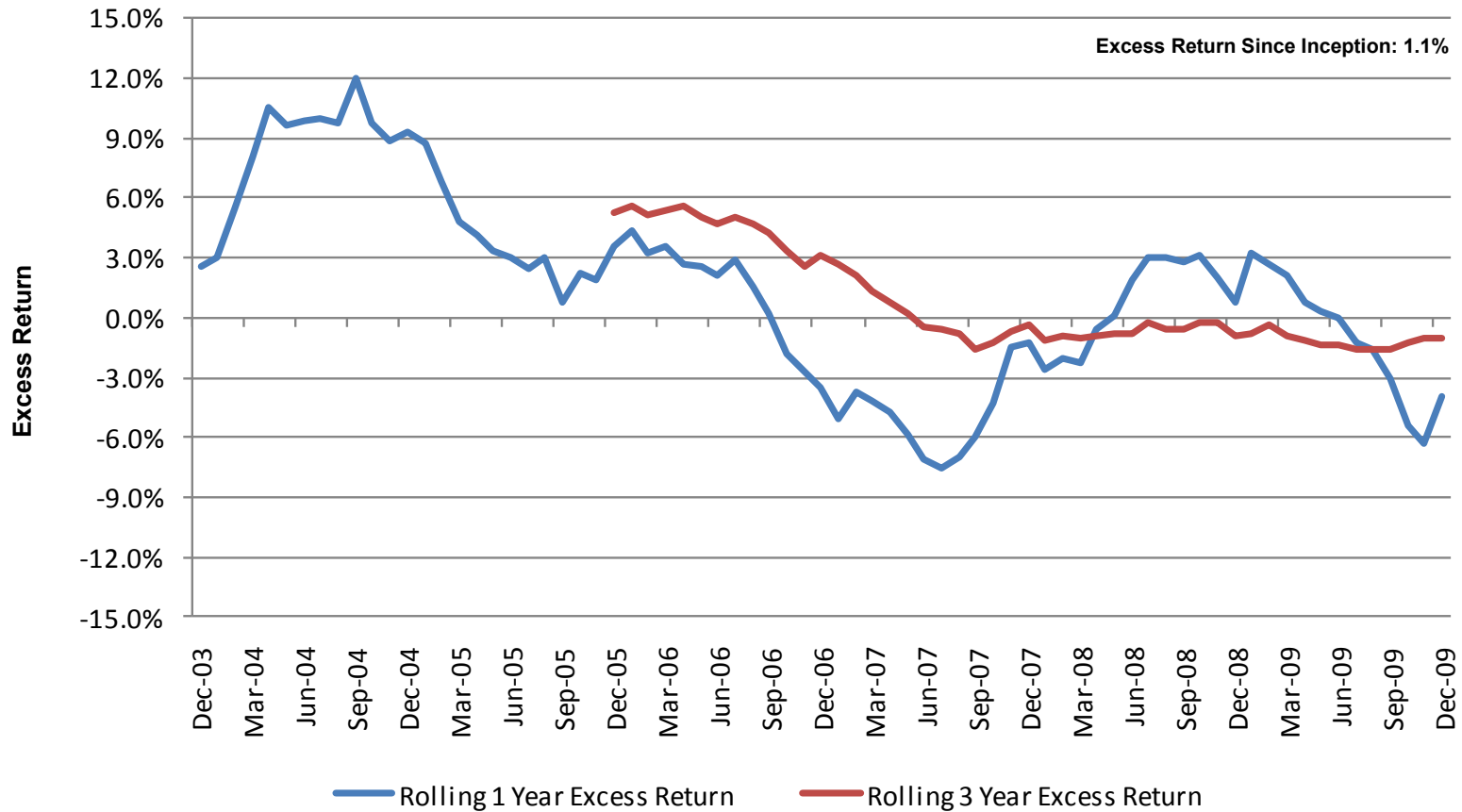
	Excess Return	Standard Deviation	Tracking Error	Information Ratio	Sharpe Ratio	Beta
Jacobs Levy Rank	-3.0% 93	23.9% 96	6.7% 22	-0.5 89	-0.5 72	1.2 4
5th Percentile	6.8%	18.0%	9.0%	1.2	-0.1	1.1
Upper Quartile	2.3%	19.1%	6.1%	0.4	-0.3	1.0
Median	0.1%	19.9%	4.9%	0.0	-0.4	1.0
Lower Quartile	-1.4%	20.4%	3.8%	-0.2	-0.5	0.9
95th Percentile	-3.7%	23.7%	2.6%	-1.4	-0.6	0.9
Observations	36	36	36	36	36	36

Note: Based on monthly, gross of fee performance data, since inception. Universe rankings are against the eVestment Alliance universe of managers as of December 31, 2009.

Factors	Description
People	<ul style="list-style-type: none"> •Key functions have at least two people assigned, so there will always be back up in the event of a loss of a person. All portfolios are managed on a team basis. •Due to the mathematical nature of INTECH's strategies, no traditional portfolio managers, research analysts or traders are employed.
Philosophy	<ul style="list-style-type: none"> •Based on the research of Dr. Robert Fernholz, INTECH believes that by combining securities with high relative volatility, but low covariance, more efficient portfolios can be constructed.
Process	<ul style="list-style-type: none"> •INTECH seeks to re-weight the benchmark index to a more efficient combination. •Utilize the relative volatility of stock prices to attempt to capture excess returns as opposed to predicting alpha. •The only input to the investment process is historical stock price. The investment process attempts to combine stocks with high relative volatility and low correlation in target weightings in a portfolio designed to provide excess return while minimizing risk. •Optimization and rebalancing is key to maintaining weights over time. •All research is oriented towards mathematical finance and its application to portfolio management and system improvements.

INTECH vs. S&P/Citigroup 500 Growth¹

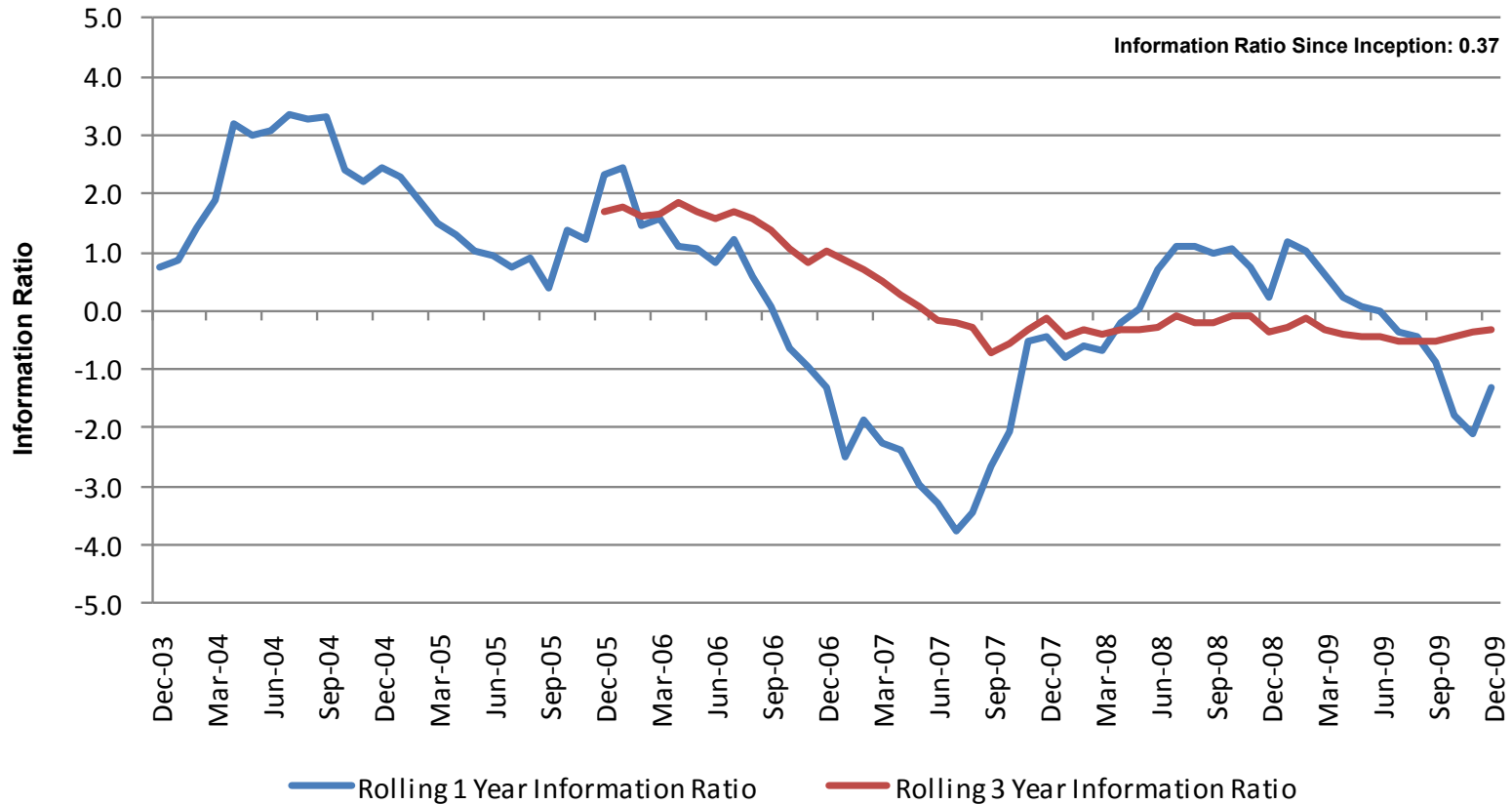
Excess Returns Since Inception (December 31, 2002) – December 31, 2009



¹In mid-December 2005, the S&P/Citigroup style indices replaced the S&P/Barra style indices. Returns are a blend of S&P/Barra 500 Growth Index prior to mid-December 2005, and S&P/Citigroup 500 Growth Index going forward.

Note: Based on monthly, net of fee performance data, since inception.

Rolling Information Ratios Since Inception (December 31, 2002) – December 31, 2009



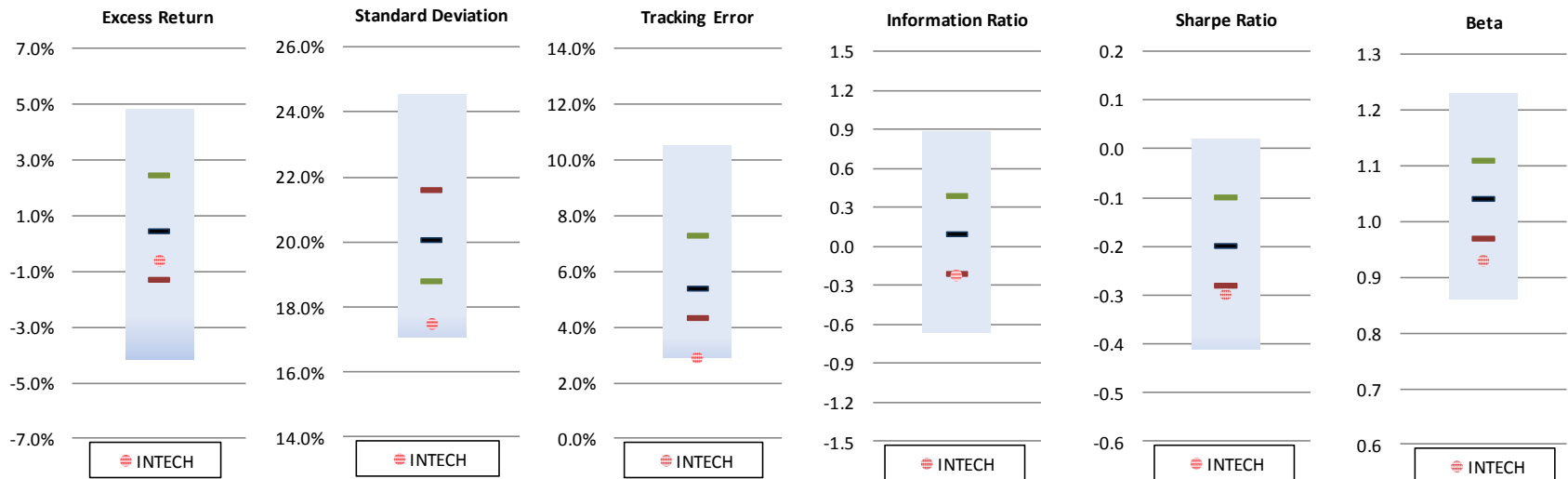
Note: Based on monthly, net of fee performance data, since inception.

In mid-December 2005, the S&P/Citigroup style indices replaced the S&P/Barra style indices. Information Ratios calculated using a blend of the S&P/Barra 500 Growth Index prior to mid-December 2005, and the S&P/Citigroup 500 Growth Index going forward.

INTECH vs. S&P/Citigroup 500 Growth¹

Risk and Return Characteristics vs. U.S. Large Cap Growth Equity Universe

For the 3-Year Period Ending December 31, 2009



	Excess Return	Standard Deviation	Tracking Error	Information Ratio	Sharpe Ratio	Beta
INTECH Rank	-0.6% 67	17.5% 8	2.9% 99	-0.2 76	-0.3 80	0.9 89
5th Percentile	4.8%	17.1%	10.5%	0.9	0.0	1.2
Upper Quartile	2.4%	18.8%	7.3%	0.4	-0.1	1.1
Median	0.4%	20.1%	5.4%	0.1	-0.2	1.0
Lower Quartile	-1.3%	21.6%	4.3%	-0.2	-0.3	1.0
95th Percentile	-4.1%	24.5%	3.4%	-0.7	-0.4	0.9
Observations	377	377	377	377	377	377

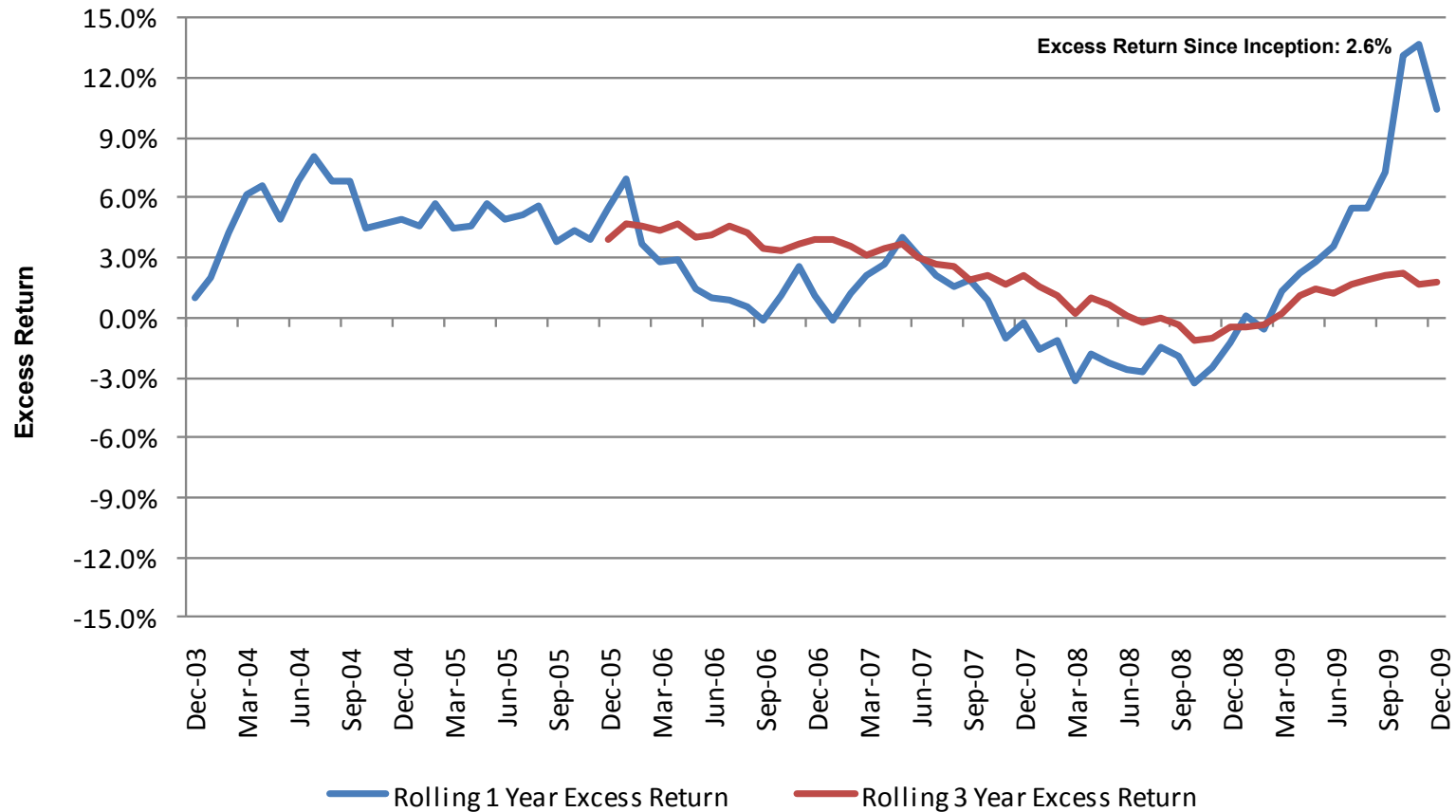
¹In mid-December 2005, the S&P/Citigroup style indices replaced the S&P/Barra style indices. Data calculated using a blend of the S&P/Barra 500 Growth Index prior to mid-December 2005, and the S&P/Citigroup 500 Growth Index going forward.

Note: Based on monthly, gross of fee performance data, since inception. Universe rankings are against the eVestment Alliance universe of managers as of December 31, 2009.

Factors	Description
People	<ul style="list-style-type: none"> •No turnover in investment management team •The same team of academics and quantitative analysts is responsible for managing all value equity portfolios.
Philosophy	<ul style="list-style-type: none"> •Based on original academic research in behavioral finance, LSV believes markets are inefficient as investors tend to extrapolate past performance too far into the future.
Process	<ul style="list-style-type: none"> •Quantitative approach ranks stocks on fundamental measures of value, past performance and indicators of near-term potential. •Portfolio is optimized to ensure the portfolio is broadly diversified across industries and companies. •Control tracking error relative to the benchmark by maintaining strict buy/sell criteria. •Deep value orientation. •The competitive strength of this strategy is that it avoids introducing to the process any judgmental biases and behavioral weaknesses that often influence investment decisions.

LSV vs. S&P/Citigroup 500 Value¹

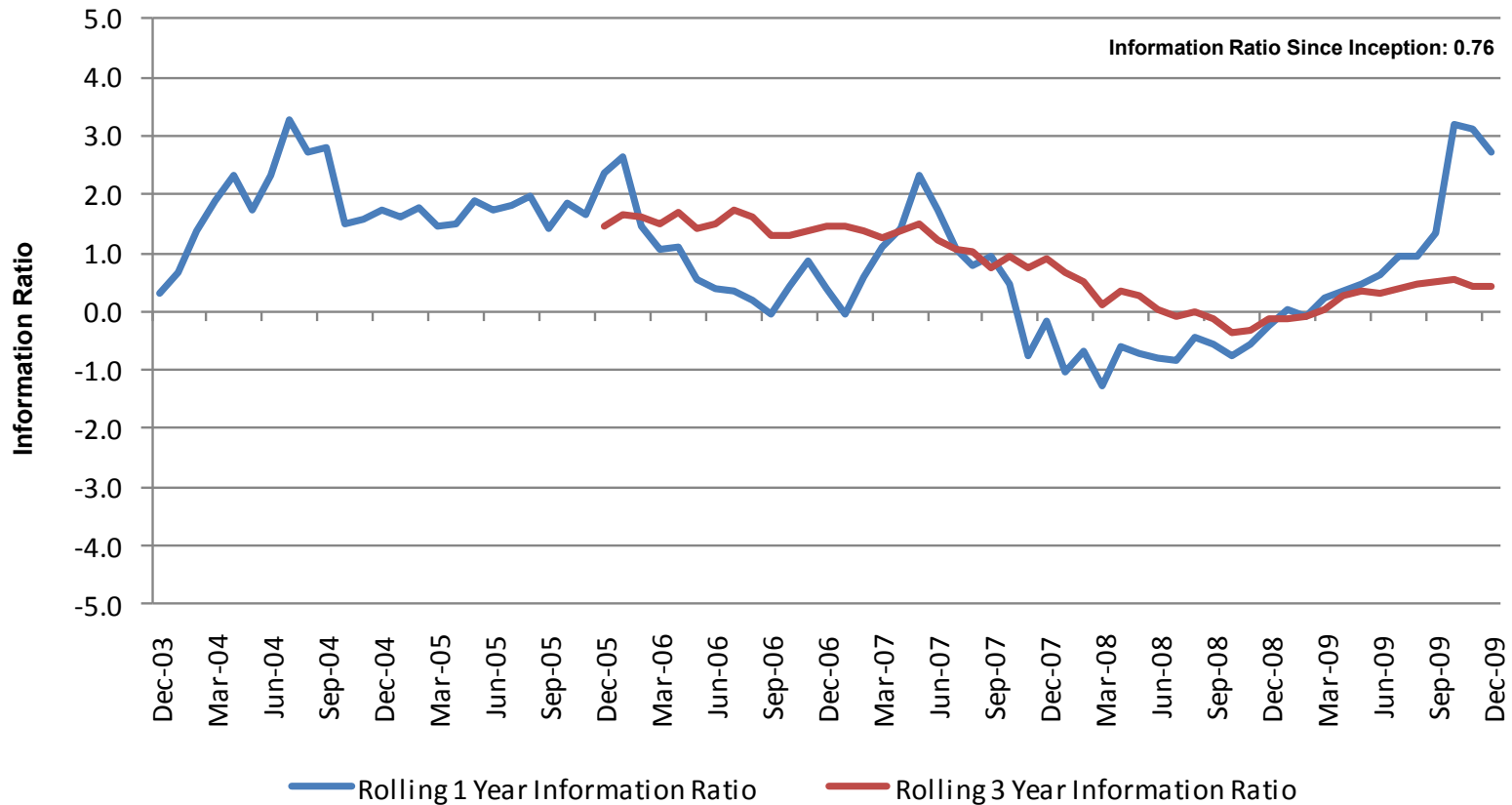
Excess Returns Since Inception (December 31, 2002) – December 31, 2009



¹In mid-December 2005, the S&P/Citigroup style indices replaced the S&P/Barra style indices. Returns are a blend of S&P/Barra 500 Value Index prior to mid-December 2005, and S&P/Citigroup 500 Value Index going forward.

Note: Based on monthly, net of fee performance data, since inception.

Rolling Information Ratios Since Inception (December 31, 2002) – December 31, 2009



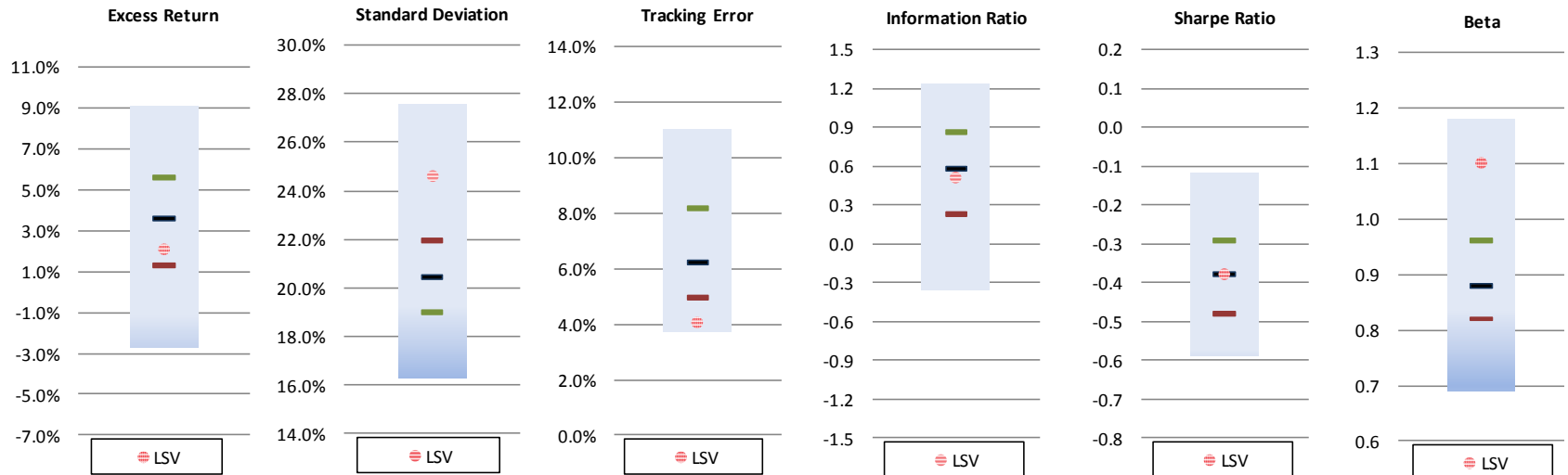
Note: Based on monthly, net of fee performance data, since inception.

In mid-December 2005, the S&P/Citigroup style indices replaced the S&P/Barra style indices. Information Ratios calculated using a blend of the S&P/Barra 500 Value Index prior to mid-December 2005, and the S&P/Citigroup 500 Value Index going forward.

LSV vs. S&P/Citigroup 500 Value¹

Risk and Return Characteristics vs. U.S. Large Cap Value Equity Universe

For the 3-Year Period Ending December 31, 2009



	Excess Return	Standard Deviation	Tracking Error	Information Ratio	Sharpe Ratio	Beta
LSV Rank	2.1% 67	24.6% 90	4.1% 90	0.5 55	-0.4 50	1.1 8
5th Percentile	9.1%	16.3%	11.0%	1.2	-0.1	1.2
Upper Quartile	5.6%	19.0%	8.2%	0.9	-0.3	1.0
Median	3.6%	20.4%	6.2%	0.6	-0.4	0.9
Lower Quartile	1.3%	22.0%	5.0%	0.2	-0.5	0.8
95th Percentile	-2.7%	27.6%	3.7%	-0.4	-0.6	0.7
Observations	410	410	410	410	410	410

¹In mid-December 2005, the S&P/Citigroup style indices replaced the S&P/Barra style indices. Data calculated using a blend of the S&P/Barra 500 Value Index prior to mid-December 2005, and the S&P/Citigroup 500 Value Index going forward.

Note: Based on monthly, gross of fee performance data, since inception. Universe rankings are against the eVestment Alliance universe of managers as of December 31, 2009.



U.S. Mid Cap Equity Manager Reviews (Individual)



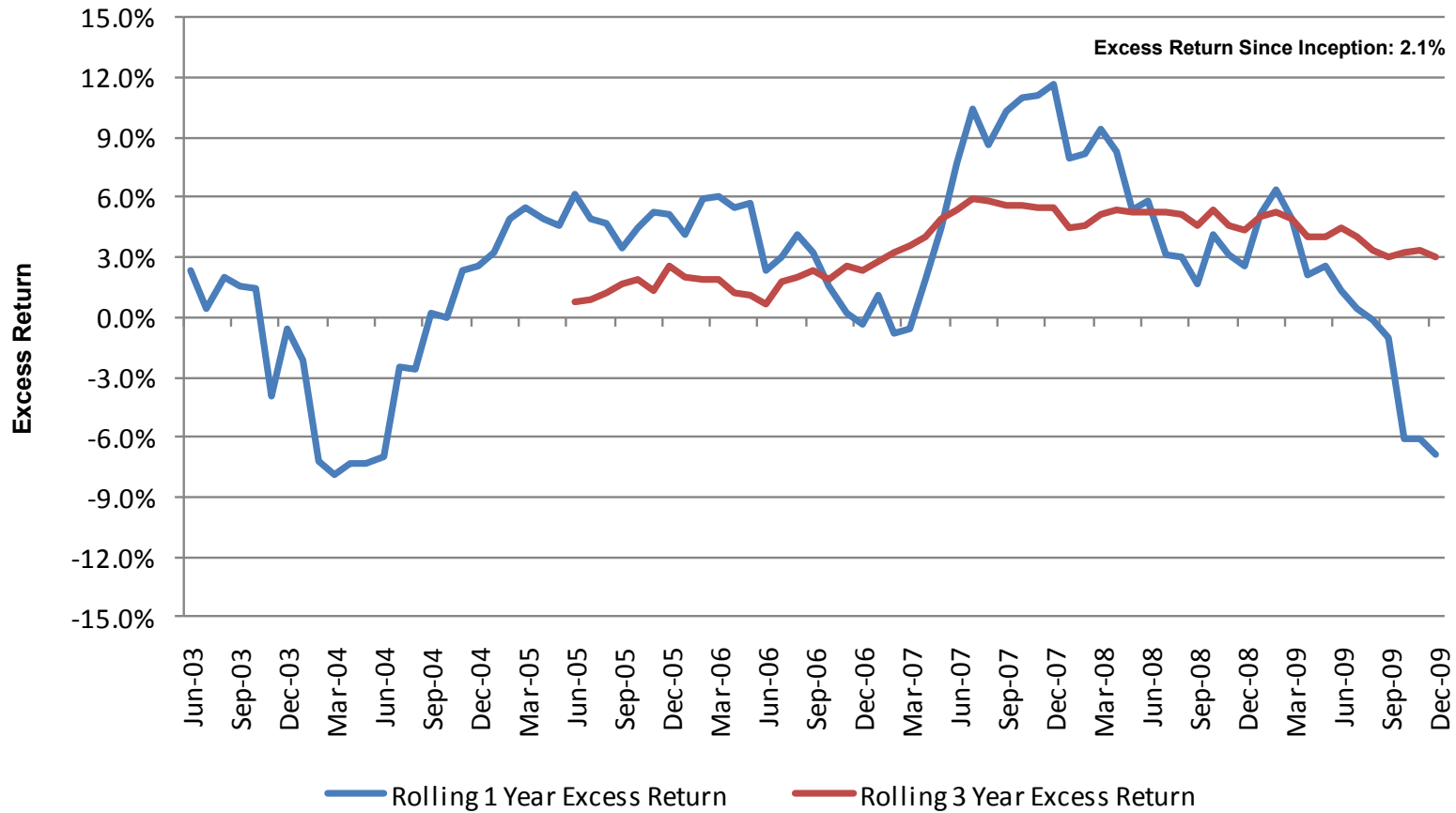
Wellington

Factors	Description
People	<ul style="list-style-type: none">•Portfolio manager, Phil Perelmuter, is a key strength to the product and has been with Wellington since 1995.•Mr. Perelmuter is backed by back-up portfolio managers, dedicated Mid Cap Opportunities team analysts, and the broad resources of Wellington, including the Global Industry Analysts.•Stable team of Global Industry Analysts average 18 years experience; 9 years with Wellington.
Philosophy	<ul style="list-style-type: none">•Wellington believes investing in high quality, established mid cap companies with good balance sheets, strong management teams and market leadership within their respective industry can lead to superior performance over time.•The portfolio seeks to meet three imperatives: quality, diversification and purity.
Process	<ul style="list-style-type: none">•Investment ideas are generated from the team, analysts and bottom-up research. In this process, themes and trends that create tailwinds for portfolio holdings are often identified.•Will typically buy a stock when it is determined upside potential is twice the downside risk.•Look for names with accelerating revenue growth, accelerating earnings growth, high market share, quality balance sheets, and strong management teams at attractive valuations.•Portfolio consists of mix of “core” and “opportunistic” holdings. “Opportunistic” holdings can be statistically cheap, but possess short term catalysts over the next 6-12 months.•As a mid cap core portfolio, the portfolio will demonstrate a slight growth bias at times.



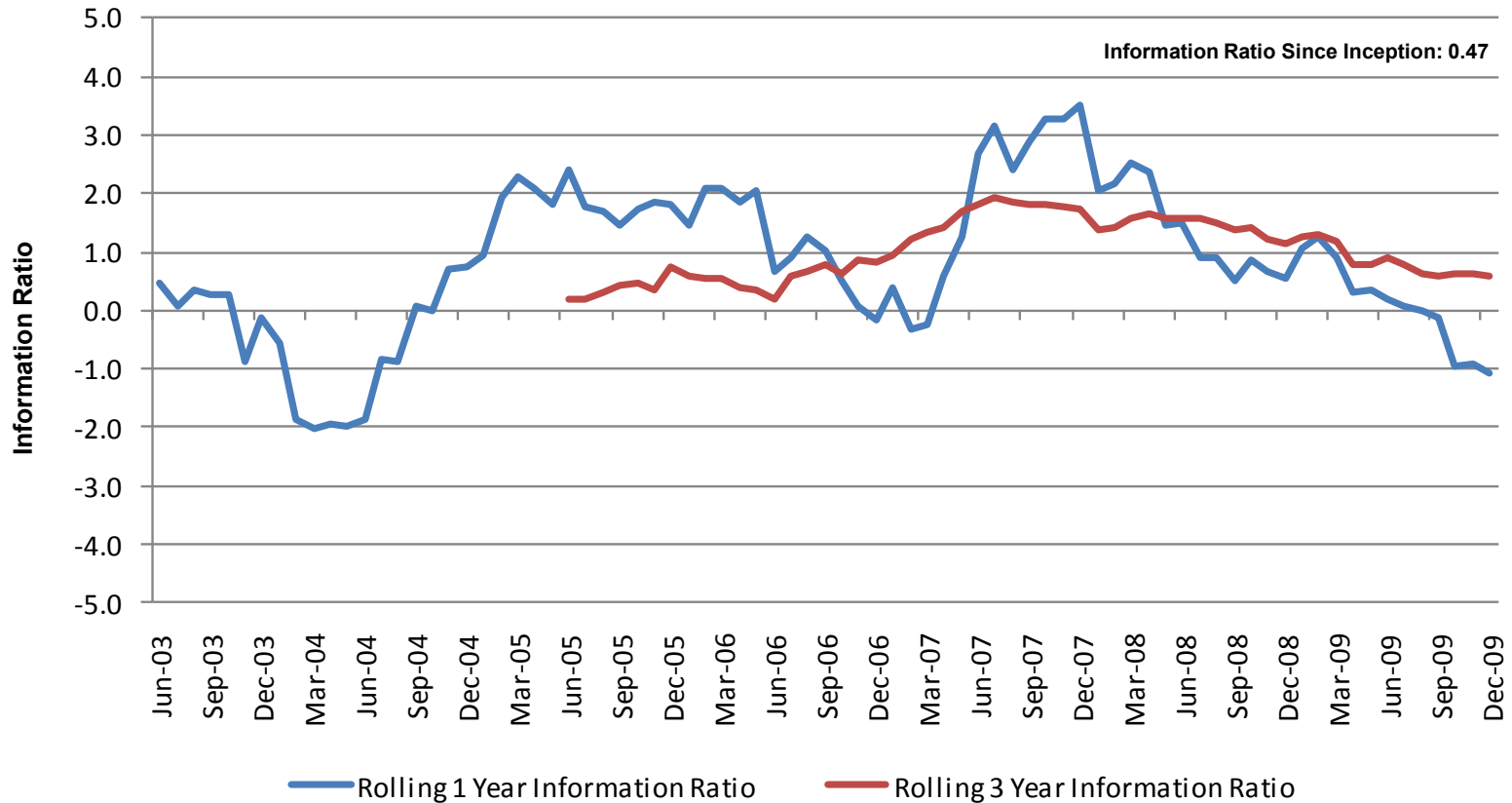
Wellington vs. S&P 400

Excess Returns Since Inception (June 30, 2002) – December 31, 2009



Note: Based on monthly, net of fee performance data, since inception.

Rolling Information Ratios Since Inception (June 30, 2002) – December 31, 2009

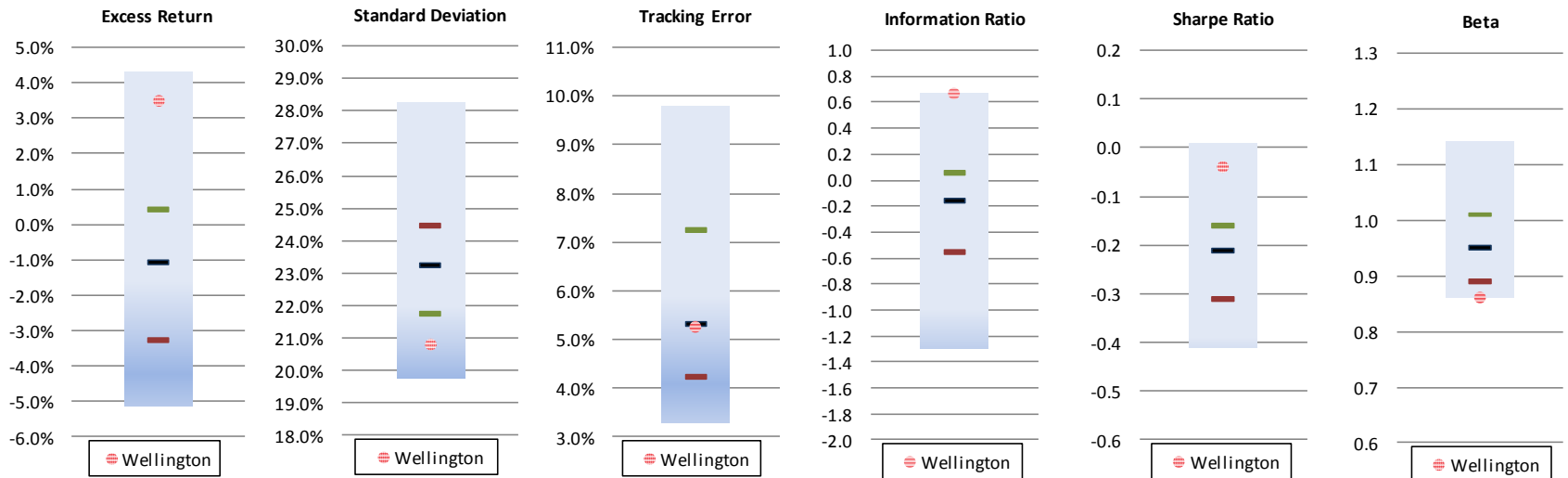


Note: Based on monthly, net of fee performance data, since inception.

Wellington vs. S&P 400

Risk and Return Characteristics vs. U.S. Mid Cap Core Equity Universe

For the 3-Year Period Ending December 31, 2009



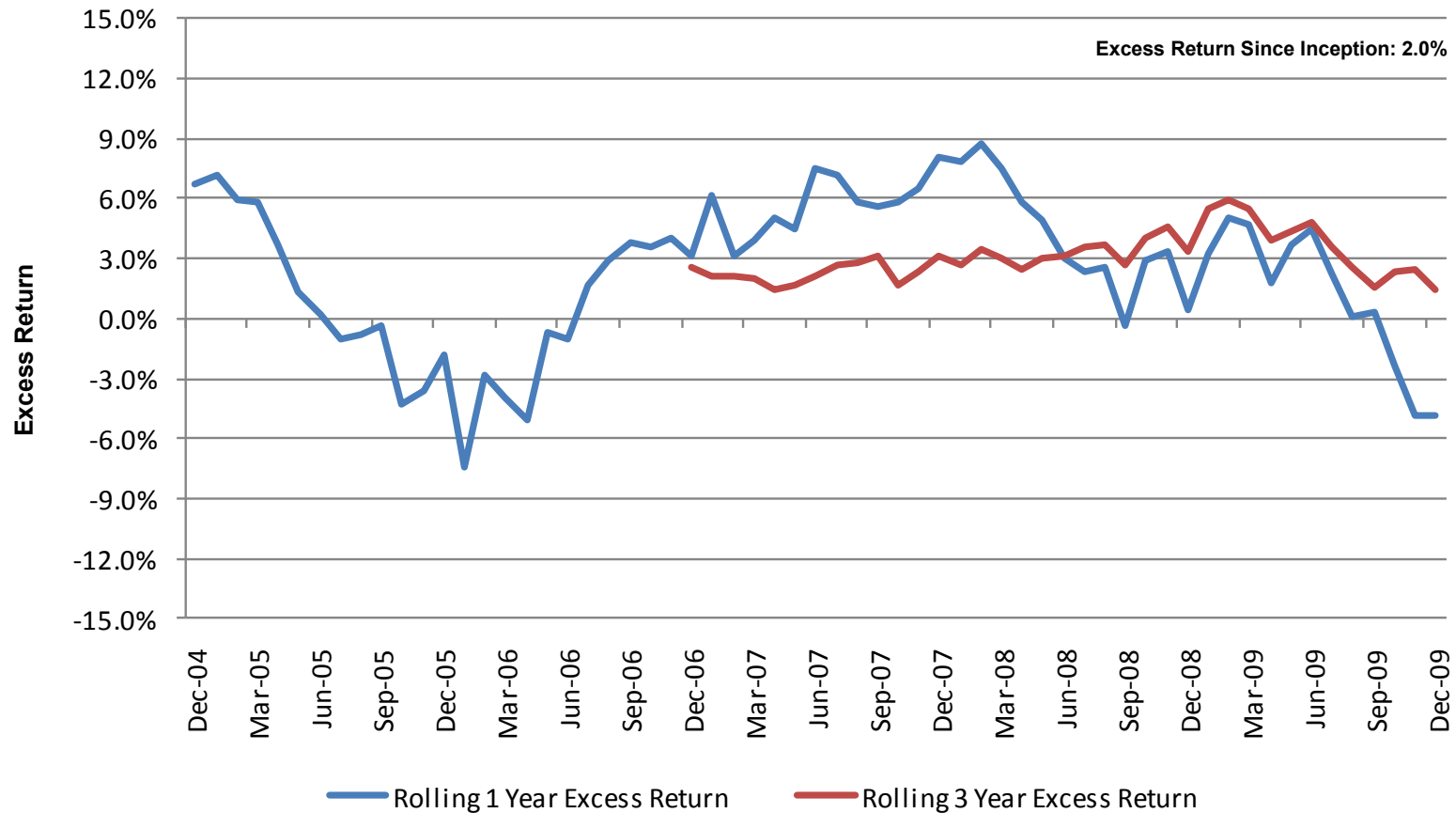
	Excess Return	Standard Deviation	Tracking Error	Information Ratio	Sharpe Ratio	Beta
Wellington Rank	3.5% 10	20.8% 13	5.3% 52	0.7 3	0.0 10	0.9 82
5th Percentile	4.3%	19.8%	9.8%	0.6	0.0	1.1
Upper Quartile	0.4%	21.8%	7.2%	0.1	-0.2	1.0
Median	-1.1%	23.3%	5.3%	-0.2	-0.2	1.0
Lower Quartile	-3.3%	24.5%	4.2%	-0.6	-0.3	0.9
95th Percentile	-5.1%	28.3%	3.3%	-1.3	-0.4	0.8
Observations	78	78	78	78	78	78

Note: Based on monthly, gross of fee performance data, since inception. Universe rankings are against the eVestment Alliance universe of managers as of December 31, 2009.

Factors	Description
People	<ul style="list-style-type: none"> •Two Co-Portfolio Managers are the primary decision makers, but the process is very team oriented. Analysts are key to determining the weighting of names in the portfolio. •Highly experienced team of sector-specialized analysts all use the same philosophy and process when researching stocks.
Philosophy	<ul style="list-style-type: none"> •Believe that opportunities exist in under-followed, out-of-favor companies that are undergoing strategic changes such as divestitures, new products, new management, mergers and acquisitions.
Process	<ul style="list-style-type: none"> •Screen for stocks with attractive liquidity characteristics that are mispriced in the market. •Attempt to identify a dynamic change that is material to the operations of the company. •Produce financial models based upon projected cash flows. •Monitor the number of opinions of sell side analysts who closely follow the company and the nature of the shareholder base. •Set a price target for every name in the portfolio. •Use “mosaic theory” approach to investment management.

CRM vs. S&P/Citigroup 400 Value¹

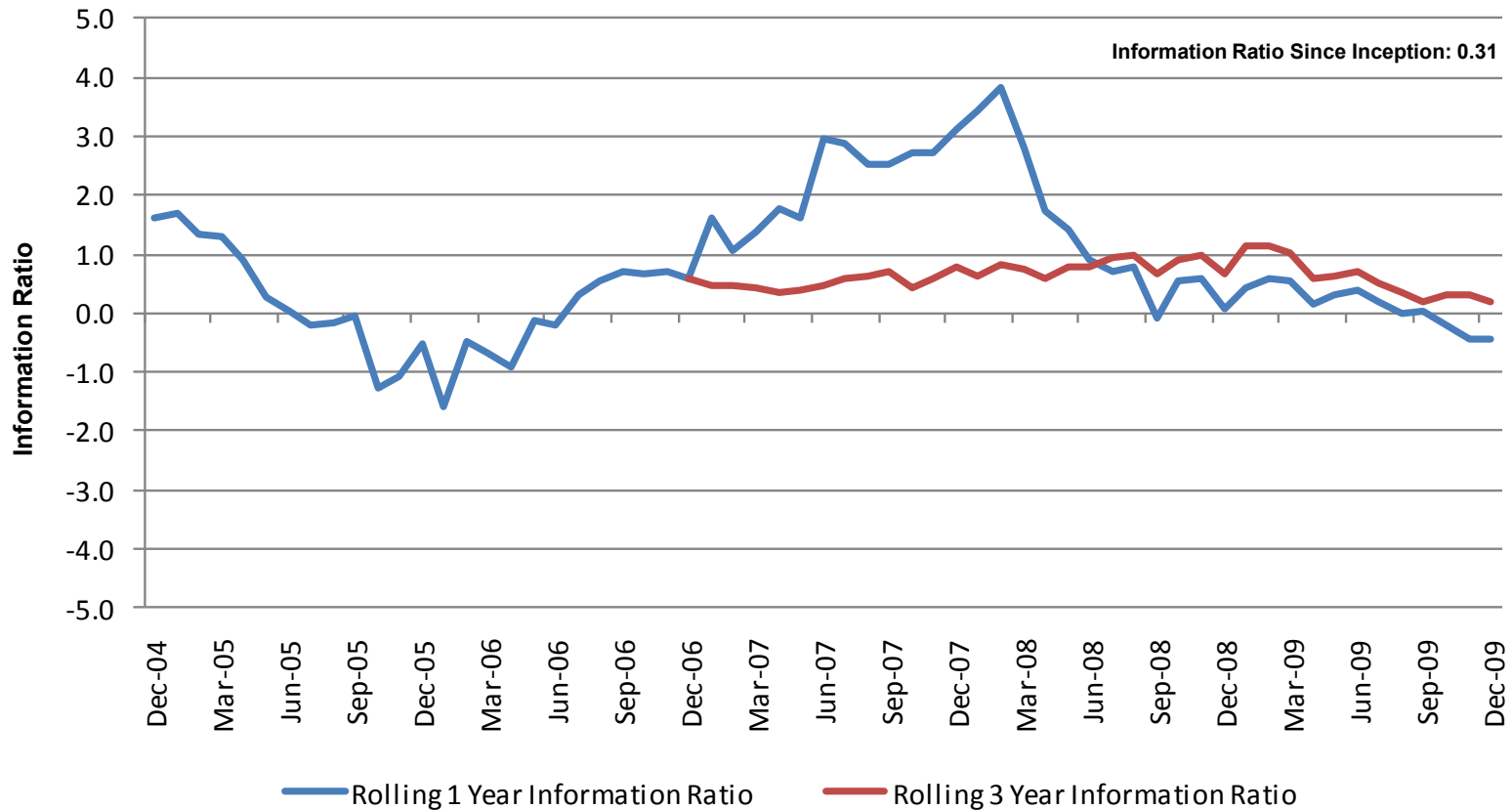
Excess Returns Since Inception (December 31, 2003) – December 31, 2009



¹In mid-December 2005, the S&P/Citigroup style indices replaced the S&P/Barra style indices. Returns are a blend of S&P/Barra 400 Value Index prior to mid-December 2005, and S&P/Citigroup 400 Value Index going forward.

Note: Based on monthly, net of fee performance data, since inception.

Rolling Information Ratios Since Inception (December 31, 2003) – December 31, 2009



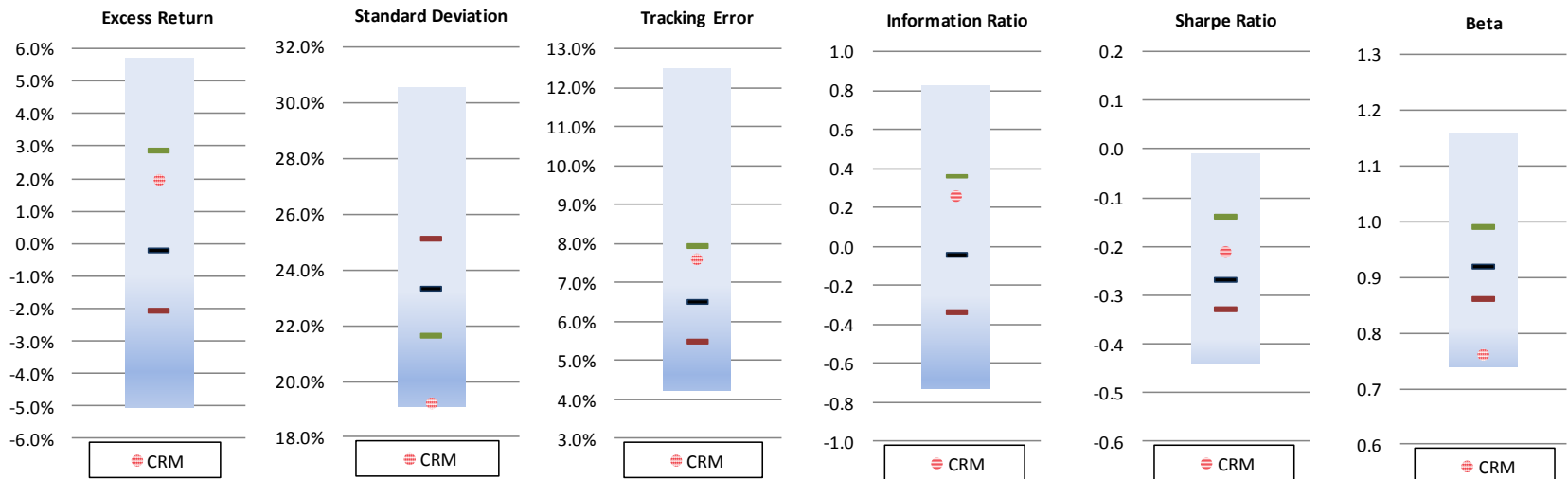
Note: Based on monthly, net of fee performance data, since inception.

In mid-December 2005, the S&P/Citigroup style indices replaced the S&P/Barra style indices. Information Ratios calculated using a blend of the S&P/Barra 400 Value Index prior to mid-December 2005, and the S&P/Citigroup 400 Value Index going forward.

CRM vs. S&P/Citigroup 400 Value¹

Risk and Return Characteristics vs. U.S. Mid Cap Value Equity Universe

For the 3-Year Period Ending December 31, 2009



	Excess Return	Standard Deviation	Tracking Error	Information Ratio	Sharpe Ratio	Beta
CRM Rank	27	7	30	28	32	93
5th Percentile	5.7%	19.1%	12.5%	0.8	0.0	1.2
Upper Quartile	2.9%	21.6%	7.9%	0.4	-0.1	1.0
Median	-0.2%	23.3%	6.5%	0.0	-0.3	0.9
Lower Quartile	-2.1%	25.1%	5.5%	-0.3	-0.3	0.9
95th Percentile	-5.0%	30.6%	4.2%	-0.7	-0.4	0.7
Observations	121	121	121	121	121	121

¹In mid-December 2005, the S&P/Citigroup style indices replaced the S&P/Barra style indices. Data calculated using a blend of the S&P/Barra 400 Value Index prior to mid-December 2005, and the S&P/Citigroup 400 Value Index going forward.

Note: Based on monthly, gross of fee performance data, since inception. Universe rankings are against the eVestment Alliance universe of managers as of December 31, 2009.



U.S. Small Cap Equity Manager Reviews (Individual)

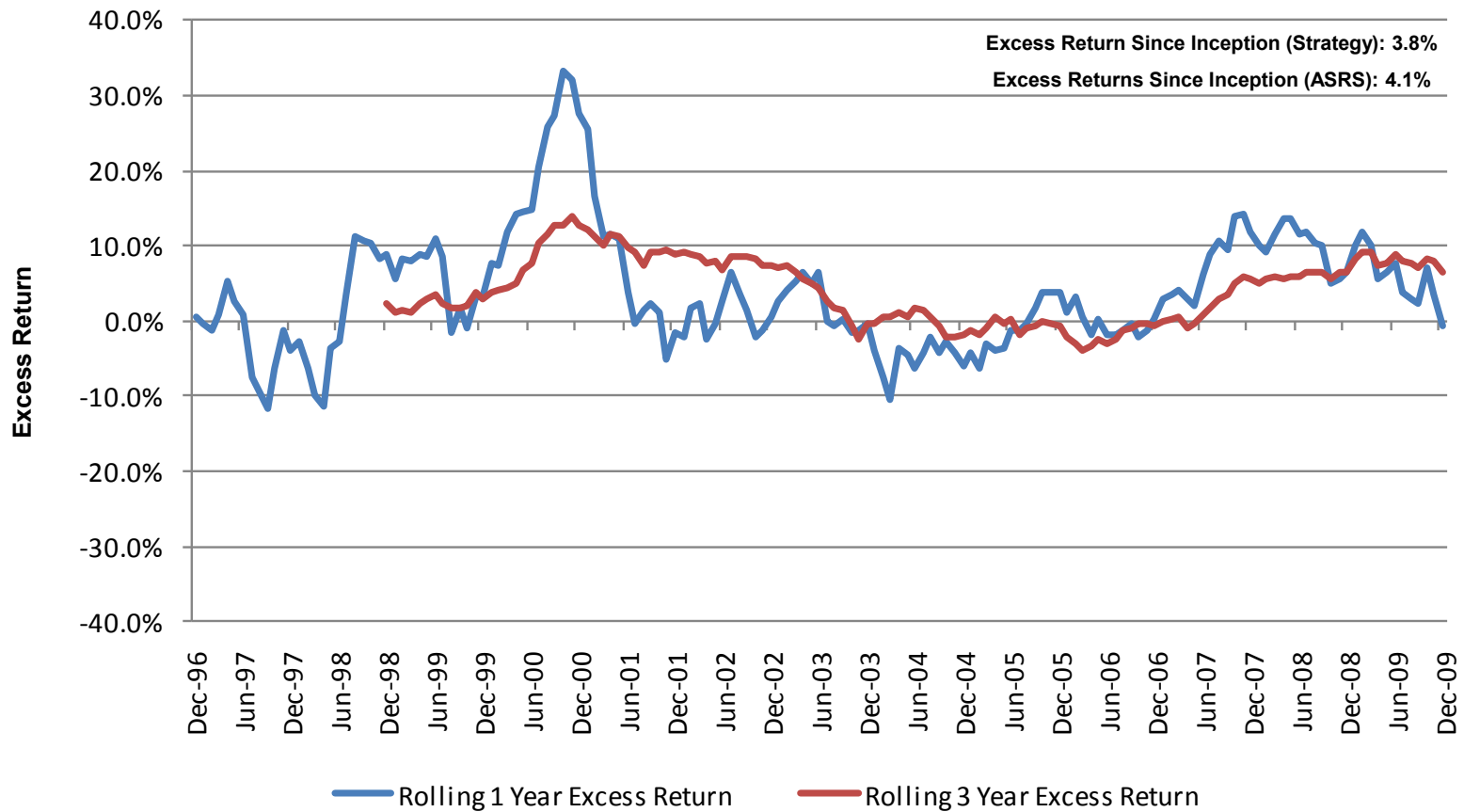


Champlain

Factors	Description
People	<ul style="list-style-type: none">•Investment team is comprised of seasoned investment professionals who worked together at NL Capital in the past.•Portfolio manager/analyst position allows for investment staff to have an impact on the portfolio.•The firm's ownership structure and investment management process are advantages for staff.
Philosophy	<ul style="list-style-type: none">•Believe that buying the shares of superior businesses with credible and sincere management teams at a discount to Fair or Intrinsic Value gives investors several potential paths to wealth creation.
Process	<ul style="list-style-type: none">•Focus on cash flow from operations and assume the perspective of a creditor when attempting to value a company.•Identify simple, yet logical investment themes that vary by sector.•Before initiating a position, Champlain meets with management on multiple occasions and in different settings.•Buy superior companies at a discount; sell overvalued stocks.

Champlain vs. S&P 600

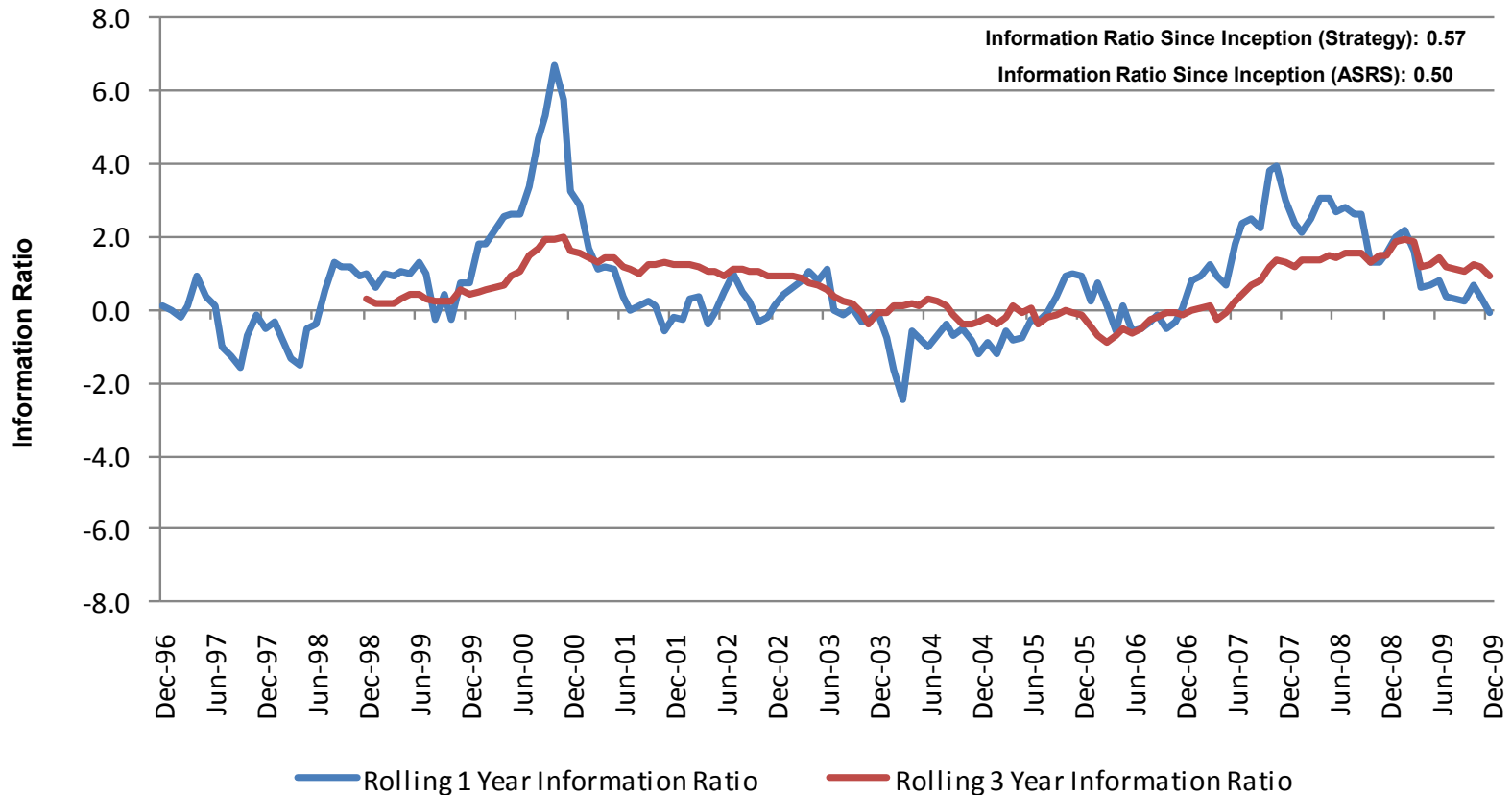
Excess Returns Since Inception¹ (December 31, 1995) – December 31, 2009



¹Net of Fee performance of the Champlain Small Cap Core Composite was linked with ASRS portfolio performance. Composite data provided by eVestment Alliance. Inception date of ASRS portfolio is December 31, 2007.

Note: Based on monthly, net of fee performance data, since inception.

Rolling Information Ratios Since Inception¹ (December 31, 1995) – December 31, 2009



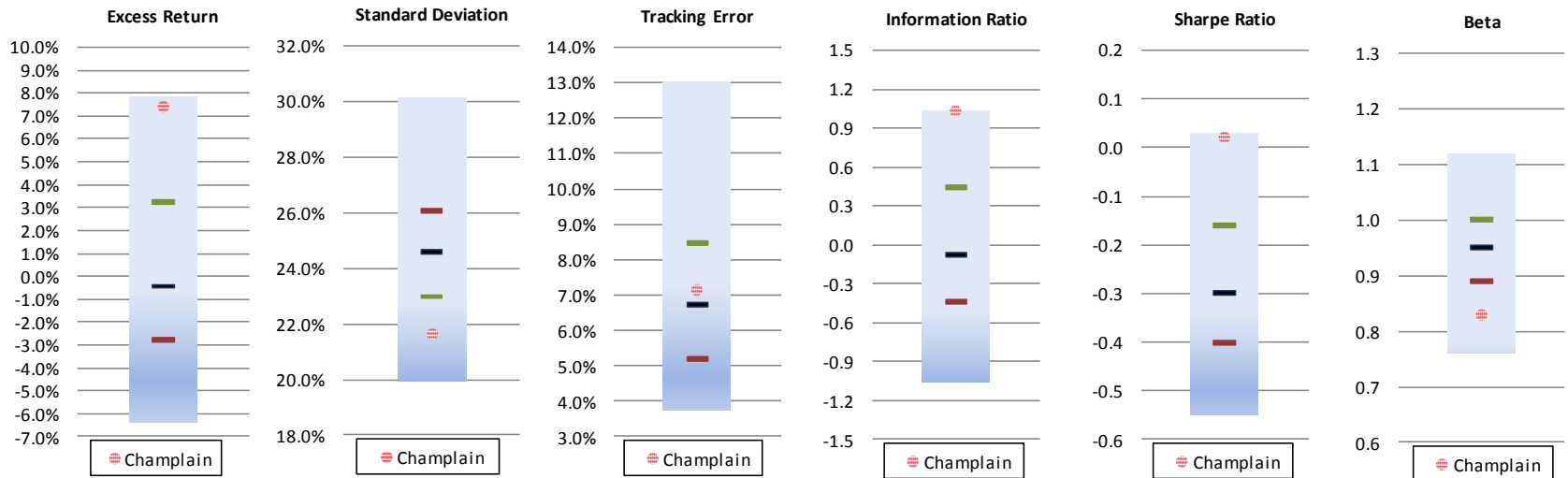
¹Net of Fee performance of the Champlain Small Cap Core Composite was linked with ASRS portfolio performance. Composite data provided by eVestment Alliance. Inception date of ASRS portfolio is December 31, 2007.

Note: Based on monthly, net of fee performance data, since inception.

Champlain vs. S&P 600

Risk and Return Characteristics vs. U.S. Small Cap Core Equity Universe

For the 3-Year Period Ending December 31, 2009¹



	Excess Return	Standard Deviation	Tracking Error	Information Ratio	Sharpe Ratio	Beta
Champlain Rank	7.4% 7	21.6% 12	7.1% 45	1.0 5	0.0 6	0.8 85
5th Percentile	7.9%	20.0%	13.0%	1.0	0.0	1.1
Upper Quartile	3.2%	23.0%	8.5%	0.4	-0.2	1.0
Median	-0.4%	24.6%	6.7%	-0.1	-0.3	1.0
Lower Quartile	-2.8%	26.1%	5.2%	-0.4	-0.4	0.9
95th Percentile	-6.4%	30.1%	3.8%	-1.1	-0.6	0.8
Observations	156	156	156	156	156	156

¹Net of Fee performance of the Champlain Small Cap Core Composite was linked with ASRS portfolio performance. Composite data provided by eVestment Alliance. Inception date of ASRS portfolio is December 31, 2007.

Note: Based on monthly, gross of fee performance data, since inception. Universe rankings are against the eVestment Alliance universe of managers as of December 31, 2009.

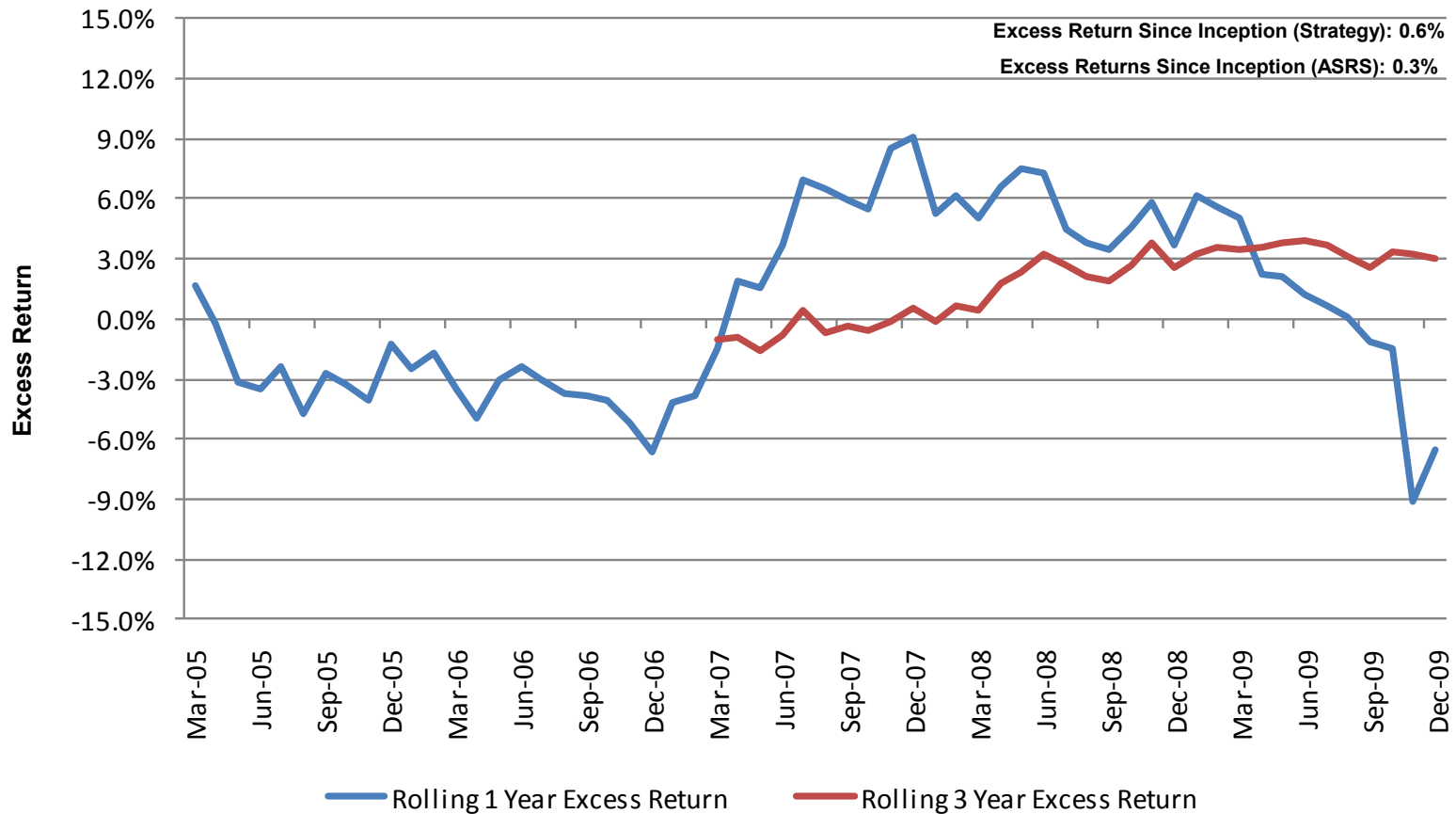


IronBridge

Factors	Description
People	<ul style="list-style-type: none">•The firm's founders were instrumental in developing and enhancing the CFROI framework while they were at HOLT Value Associates, L.P. Since establishing IronBridge, the team has enhanced this framework on a proprietary basis.•All employees of IronBridge own shares in the firm, summing to roughly 75% of firm ownership.
Philosophy	<ul style="list-style-type: none">•IronBridge's investment philosophy is based on three key beliefs:<ol style="list-style-type: none">1.The Cash Flow Return on Investment (CFROI) framework is the most effective tool for measuring true economic performance and valuing companies.2.The Life Cycle concept is an important tool for identifying the correct path of analysis and managing portfolio risk.3.Wealth creation is contingent upon management's ability to allocate capital appropriately relative to the company's position on the corporate Life Cycle.
Process	<ul style="list-style-type: none">•IronBridge's proprietary IronScore places all stocks into the appropriate Life Cycle category and then ranks each stock within its category based on proprietary factors; high ranking stocks are subjected to fundamental analysis.•The portfolio is diversified by both Life Cycle and Sector to reduce the impact of systematic factors, allowing performance to be driven by stock selection.•IronBridge utilizes multiple trading platforms to ensure best execution.

IronBridge vs. Russell 2500

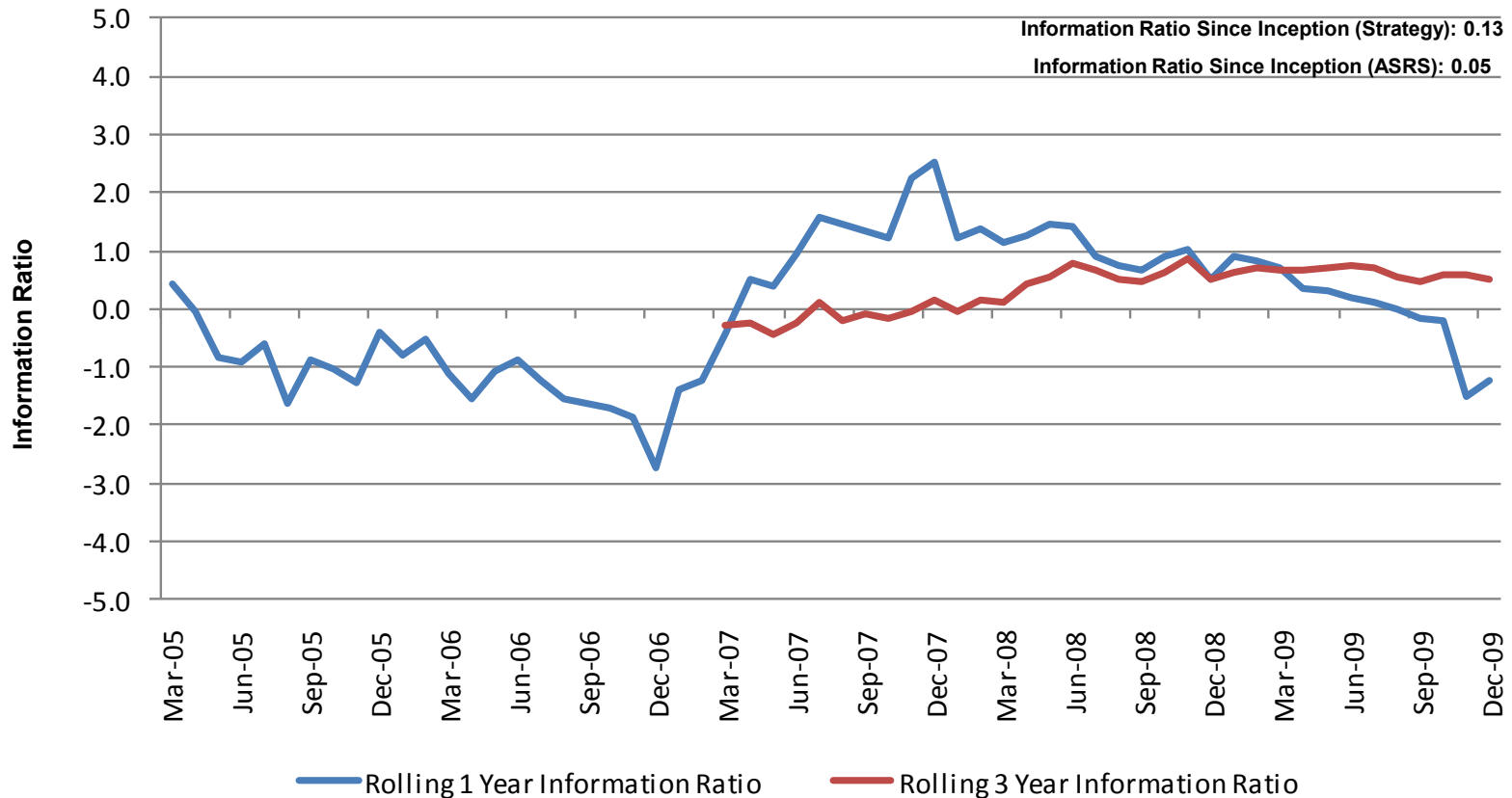
Excess Returns Since Inception¹ (March 31, 2004) – December 31, 2009



¹Net of Fee performance of the IronBridge SMID Cap Core Composite was linked with ASRS portfolio performance. Composite data provided by eVestment Alliance. Inception date of ASRS portfolio is December 31, 2007.

Note: Based on monthly, net of fee performance data, since inception.

Rolling Information Ratios Since Inception¹ (March 31, 2004) – December 31, 2009



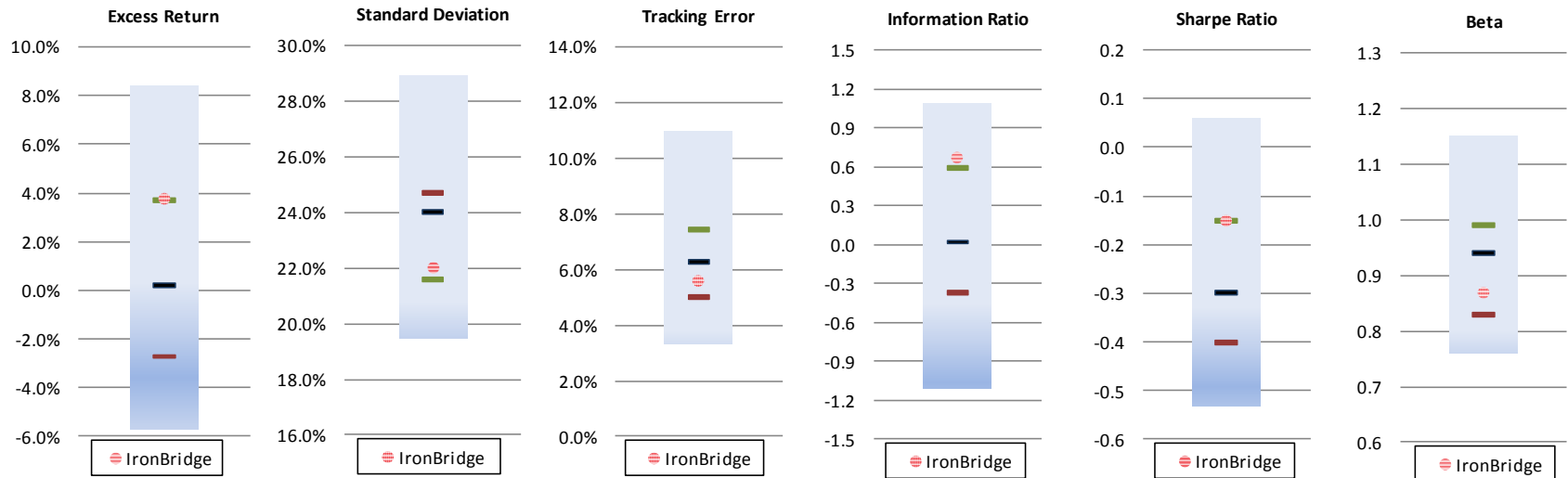
¹Net of Fee performance of the IronBridge SMID Cap Core Composite was linked with ASRS portfolio performance. Composite data provided by eVestment Alliance. Inception date of ASRS portfolio is December 31, 2007.

Note: Based on monthly, net of fee performance data, since inception.

IronBridge vs. Russell 2500

Risk and Return Characteristics vs. U.S. Small/Mid Cap Core Equity Universe

For the 3-Year Period Ending December 31, 2009¹



	Excess Return	Standard Deviation	Tracking Error	Information Ratio	Sharpe Ratio	Beta
IronBridge	3.8%	22.0%	5.6%	0.7	-0.2	0.9
Rank	24	71	65	16	25	68
5th Percentile	8.4%	19.5%	11.0%	1.1	0.1	1.2
Upper Quartile	3.7%	21.6%	7.4%	0.6	-0.2	1.0
Median	0.2%	24.0%	6.3%	0.0	-0.3	0.9
Lower Quartile	-2.7%	24.7%	5.0%	-0.4	-0.4	0.8
95th Percentile	-5.7%	28.9%	3.3%	-1.1	-0.5	0.8
Observations	65	65	65	65	65	65

¹Net of Fee performance of the IronBridge SMID Cap Core Composite was linked with ASRS portfolio performance. Composite data provided by eVestment Alliance. Inception date of ASRS portfolio is December 31, 2007.

Note: Based on monthly, net of fee performance data, since inception. Universe rankings are against the eVestment Alliance universe of managers as of December 31, 2009.

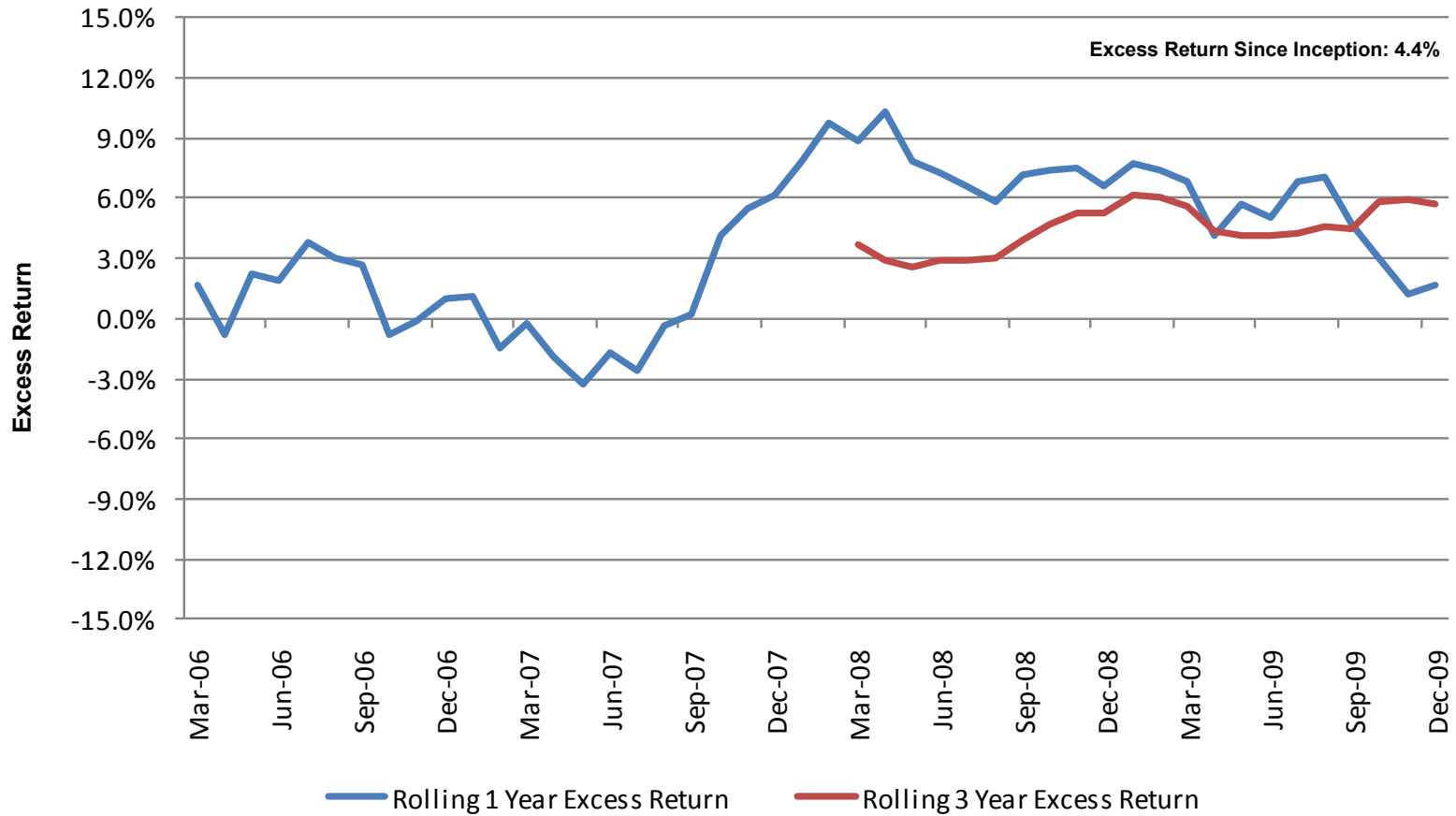


TimesSquare

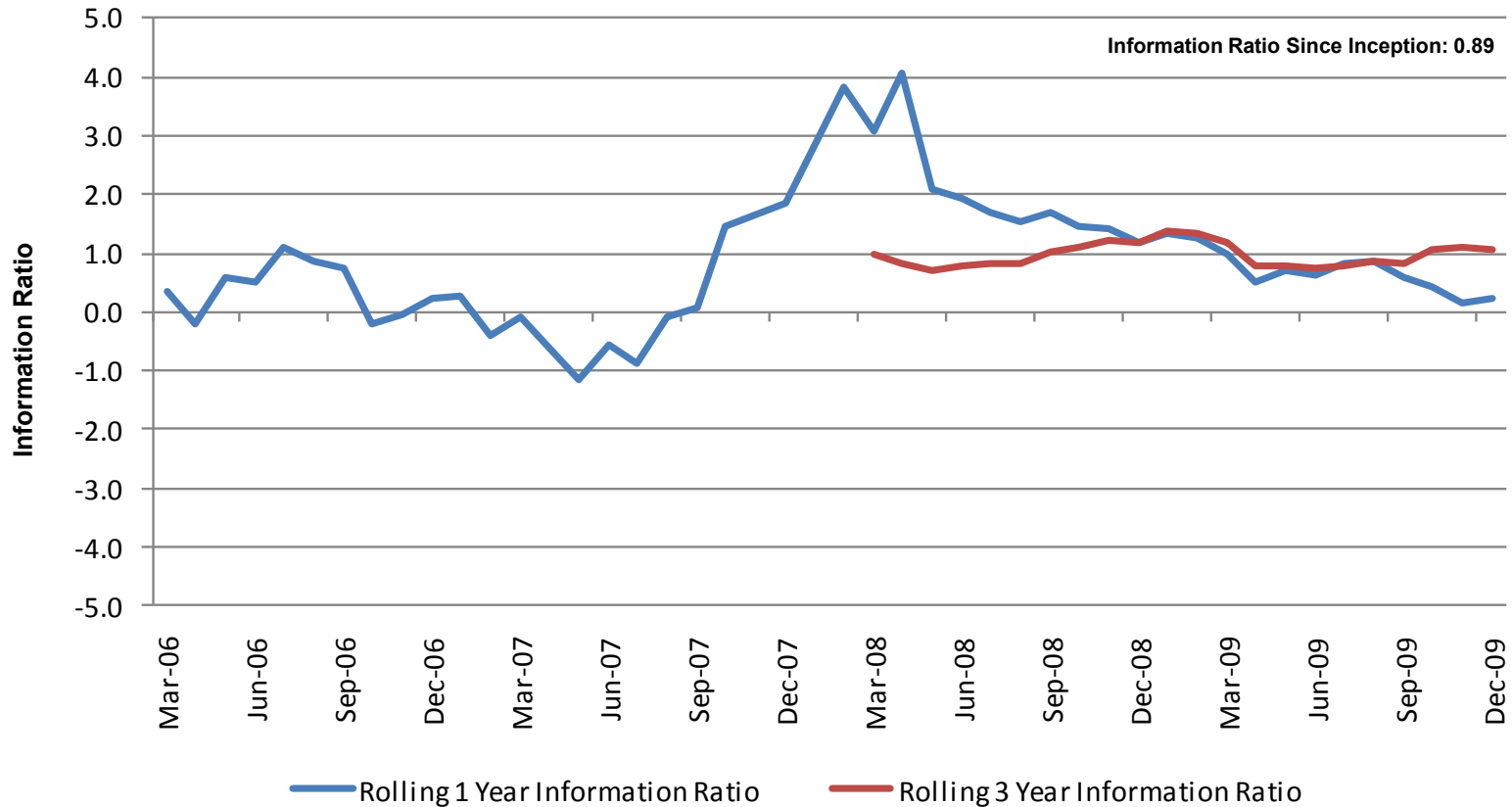
Factors	Description
People	<ul style="list-style-type: none">•The quality of research and stability and experience of the investment team are strengths.•Talented portfolio managers work well together and with the analyst team to apply the investment philosophy in a thorough and consistent manner.
Philosophy	<ul style="list-style-type: none">•Believe research, which places a particular emphasis on the assessment of management quality and an in-depth understanding of superior business models, will result in superior risk-adjusted returns.
Process	<ul style="list-style-type: none">•Look for stocks with market values between \$300 million and \$5 billion with an expected three-year EPS/Sales growth rate above 15%.•Find companies with exceptional management, a sustainable competitive advantage and strong, consistent growth.•Conduct further in-depth analysis through detailed financial modeling and valuation work.•Purchase companies that have the potential to appreciate 25-50% over a 12-18 month time horizon.

TimesSquare vs. Russell 2500 Growth

Excess Returns Since Inception (March 31, 2005) – December 31, 2009



Rolling Information Ratios Since Inception (March 31, 2005) – December 31, 2009

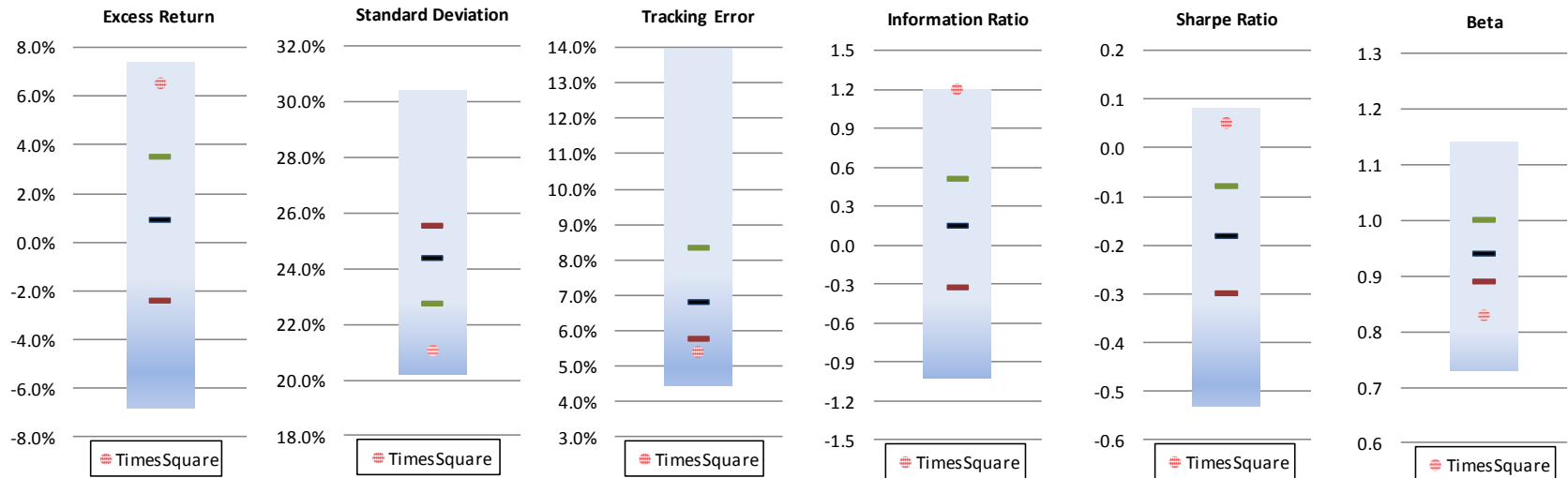


Note: Based on monthly, net of fee performance data, since inception.

TimesSquare vs. Russell 2500 Growth

Risk and Return Characteristics vs. U.S. Small/Mid Cap Growth Equity Universe

For the 3-Year Period Ending December 31, 2009



	Excess Return	Standard Deviation	Tracking Error	Information Ratio	Sharpe Ratio	Beta
TimesSquare	6.5%	21.0%	5.4%	1.2	0.1	0.8
Rank	9	6	80	1	8	88
5th Percentile	7.4%	20.2%	13.9%	0.9	0.1	1.1
Upper Quartile	3.5%	22.7%	8.3%	0.5	-0.1	1.0
Median	0.9%	24.4%	6.8%	0.2	-0.2	0.9
Lower Quartile	-2.4%	25.5%	5.8%	-0.3	-0.3	0.9
95th Percentile	-6.8%	30.4%	4.5%	-1.0	-0.5	0.7
Observations	100	100	100	100	100	100

Note: Based on monthly, gross of fee performance data, since inception. Universe rankings are against the eVestment Alliance universe of managers as of December 31, 2009.

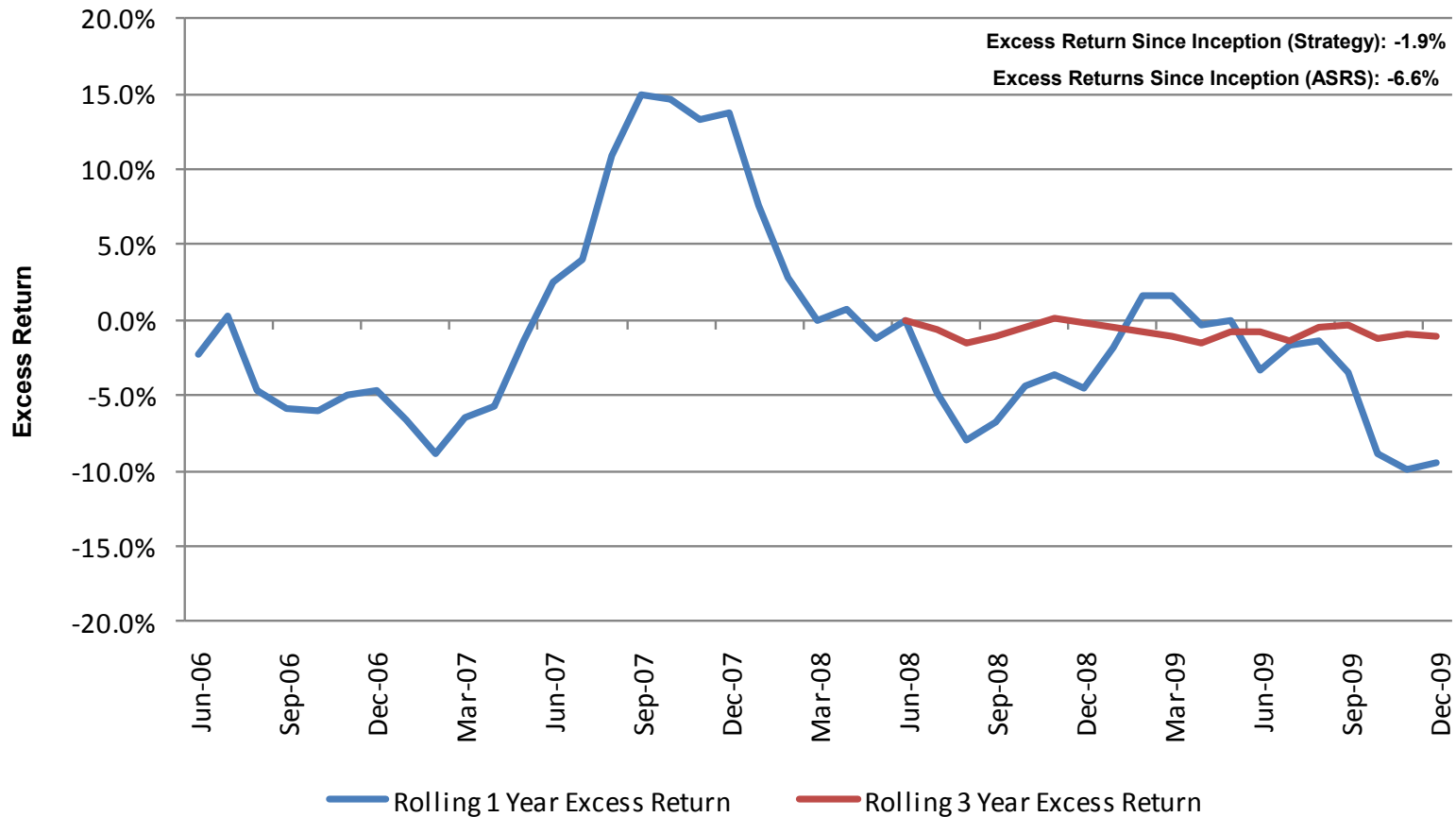


Copper Rock

Factors	Description
People	<ul style="list-style-type: none">•Team based approach with hybrid specialist-generalist model ensures depth of coverage across all sectors.•Lead Portfolio Manager has 19 years experience in the small and smid cap asset class; Assistant Portfolio Managers have an average of 13 years experience in the small and smid cap asset class; Research Analysts have an average of 12 years experience in the small and smid cap asset class. Portfolio Specialist has an average of 12 years experience in investments and analyzing portfolios.
Philosophy	<ul style="list-style-type: none">•Believe small and mid cap markets are inefficient and that a fundamental growth approach with a strong sell discipline provides the best opportunity to outperform in all market conditions.
Process	<ul style="list-style-type: none">•Broad research coverage of entire benchmark.•Narrow universe through organic idea generation, proprietary screens and bottom-up themes. Meeting with a company's management team is imperative before it can be a candidate for the portfolio.•Conduct detailed fundamental analysis. Requirements: Strong growth over a 12-18 month period, 15%+ revenue growth, 20%+ earnings growth including analysis of upward revisions to earnings, and margin expansion.•Disciplined process with a "no excuses" sell discipline.

Copper Rock vs. Russell 2500 Growth

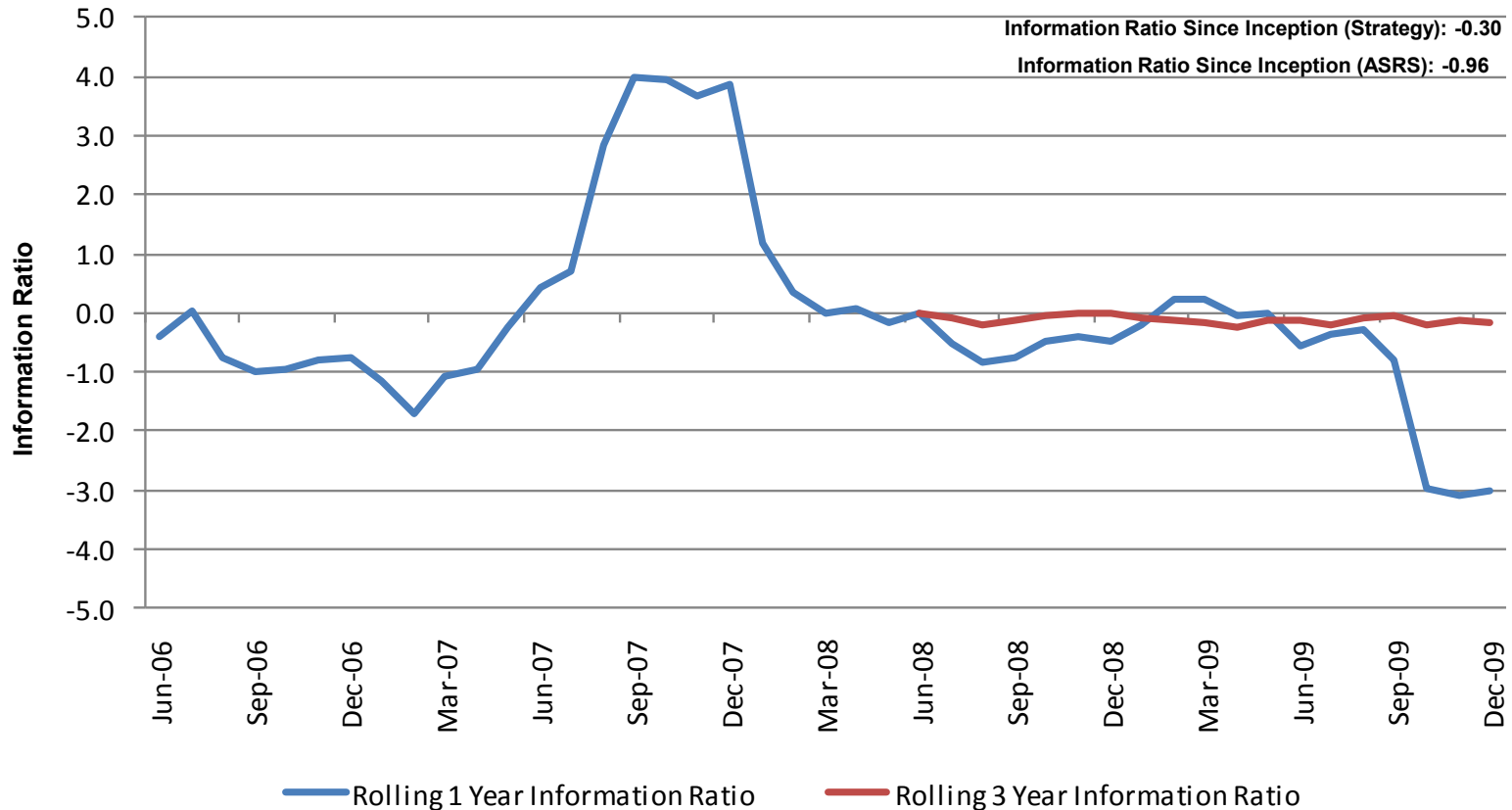
Excess Returns Since Inception¹ (June 30, 2005) – December 31, 2009



¹Net of Fee performance of the Copper Rock Small to Mid Cap Growth Composite was linked with ASRS portfolio performance. Composite data provided by eVestment Alliance. Inception date of ASRS portfolio is December 31, 2007.

Note: Based on monthly, net of fee performance data, since inception.

Rolling Information Ratios Since Inception¹ (June 30, 2005) – December 31, 2009



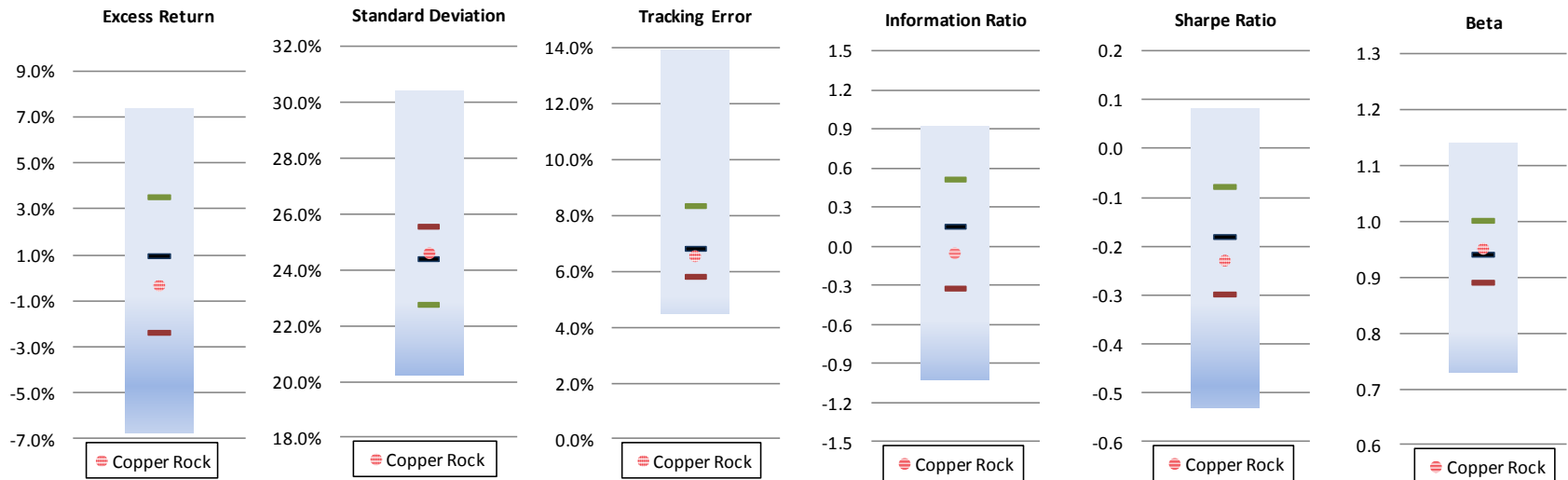
¹Net of Fee performance of the Copper Rock Small to Mid Cap Growth Composite was linked with ASRS portfolio performance. Composite data provided by eVestment Alliance. Inception date of ASRS portfolio is December 31, 2007.

Note: Based on monthly, net of fee performance data, since inception.

Copper Rock vs. Russell 2500 Growth

Risk and Return Characteristics vs. U.S. Small/Mid Cap Growth Equity Universe

For the 3-Year Period Ending December 31, 2009¹



	Excess Return	Standard Deviation	Tracking Error	Information Ratio	Sharpe Ratio	Beta
Copper Rock Rank	-0.4% 55	24.6% 54	6.6% 57	-0.1 55	-0.2 53	1.0 46
5th Percentile	7.4%	20.2%	13.9%	0.9	0.1	1.1
Upper Quartile	3.5%	22.7%	8.3%	0.5	-0.1	1.0
Median	0.9%	24.4%	6.8%	0.2	-0.2	0.9
Lower Quartile	-2.4%	25.5%	5.8%	-0.3	-0.3	0.9
95th Percentile	-6.8%	30.4%	4.5%	-1.0	-0.5	0.7
Observations	100	100	100	100	100	100

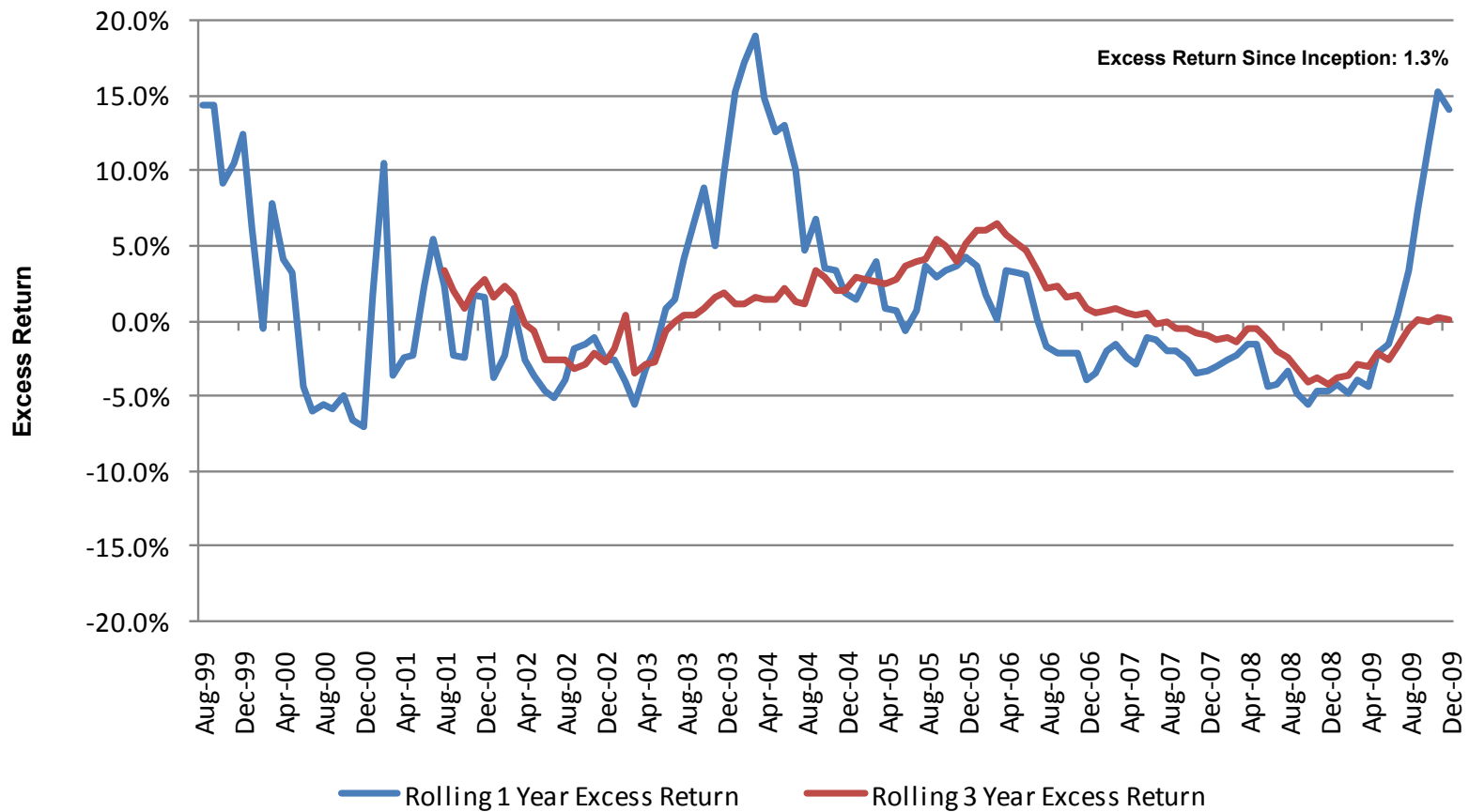
¹Net of Fee performance of the Copper Rock Small to Mid Cap Growth Composite was linked with ASRS portfolio performance. Composite data provided by eVestment Alliance. Inception date of ASRS portfolio is December 31, 2007.

Note: Based on monthly, net of fee performance data, since inception. Universe rankings are against the eVestment Alliance universe of managers as of December 31, 2009.

Factors	Description
People	<ul style="list-style-type: none"> •An Investment Policy Committee focuses on the development of long-term strategy enhancements, while a separate team approves strategy implementation and maintains daily oversight of the strategy. This structure creates a linkage between research and portfolio management.
Philosophy	<ul style="list-style-type: none"> •Based on the work of Eugene Fama and Kenneth French of the University of Chicago, DFA contends that value stocks have some element of relative risk associated with them, leading to higher expected returns.
Process	<ul style="list-style-type: none"> •Seek to invest in companies whose market capitalization is in the smallest 12-15% of the investment universe. •Use a value screen to identify securities considered value stocks – look for high book value in relation to a company's market value (BtM). •Additional screens are used to weed out stocks with asset class or pricing concerns. •Trading opportunities for all stocks are monitored and must be favorable before purchase. •A security becomes a sell candidate once it no longer fits DFA's book to market requirements, size criteria and passes the momentum screens; this patient trading technique has generally resulted in very low trading costs.

DFA vs. DFA Blended Benchmark¹

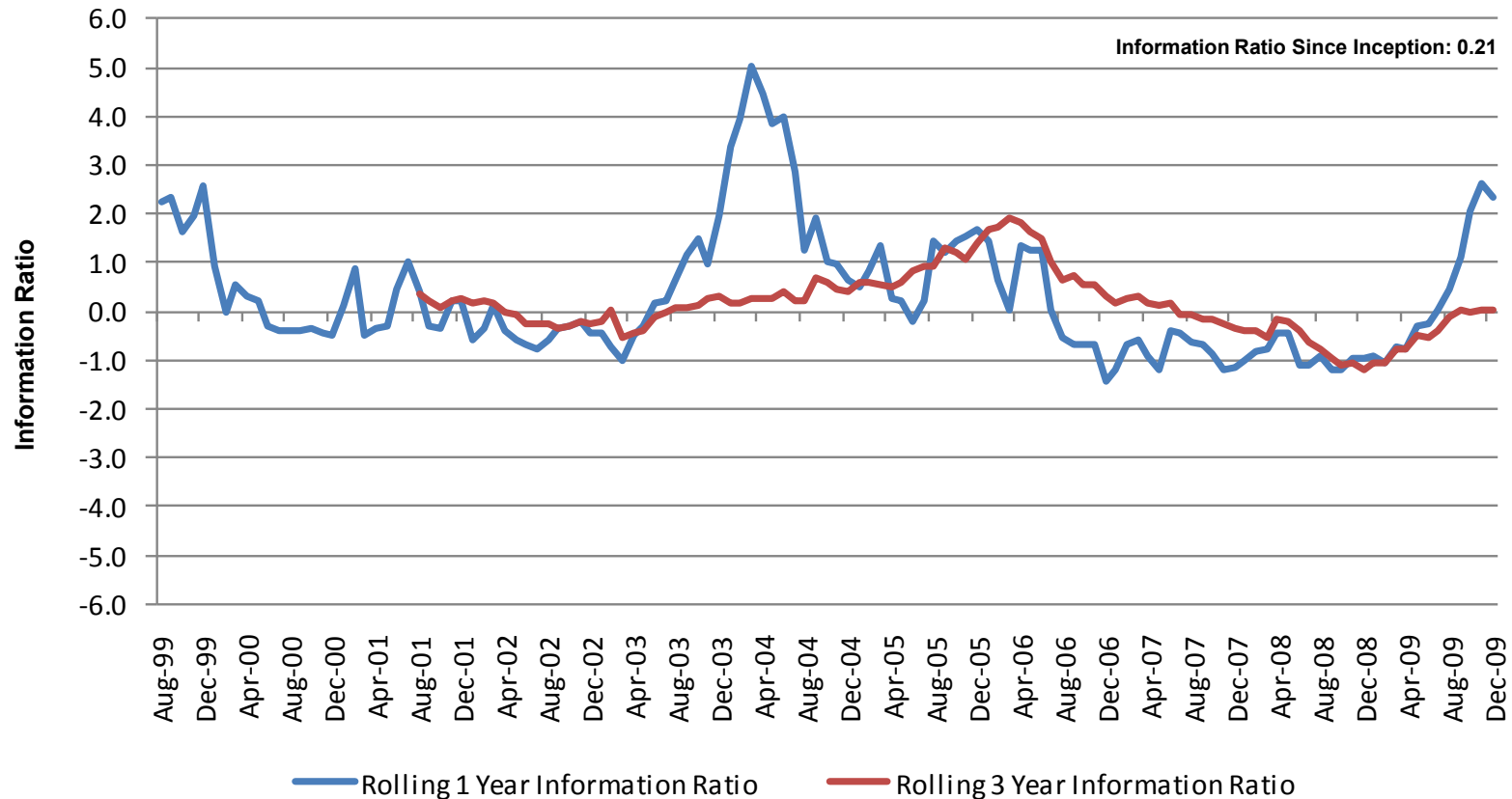
Excess Returns Since Inception (August 31, 1998) – December 31, 2009



¹DFA Blended Benchmark is a blend of the Russell 2000 Value Index prior to January 2007, and the S&P/Citigroup 600 Value Index from January 2007 going forward.

Note: Based on monthly, net of fee performance data, since inception.

Rolling Information Ratios Since Inception (August 31, 1998) – December 31, 2009



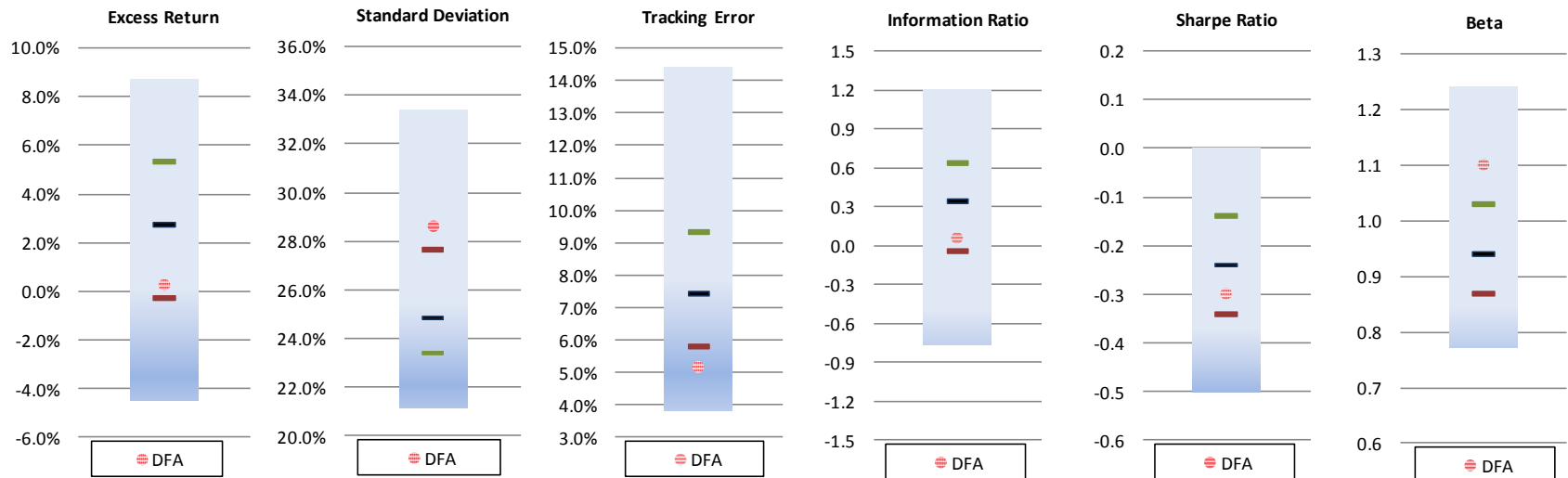
Note: Based on monthly, net of fee performance data, since inception.

Information Ratios calculated using DFA Blended Benchmark. DFA Blended Benchmark is a blend of the Russell 2000 Value Index prior to January 2007, and the S&P/Citigroup 600 Value Index from January 2007 going forward.

DFA vs. DFA Blended Benchmark¹

Risk and Return Characteristics vs. U.S. Small Cap Value Equity Universe

For the 3-Year Period Ending December 31, 2009



	Excess Return	Standard Deviation	Tracking Error	Information Ratio	Sharpe Ratio	Beta
DFA Rank	0.3% 71	28.6% 84	5.2% 83	0.1 70	-0.3 65	1.1 12
5th Percentile	8.7%	21.1%	14.4%	1.2	0.0	1.2
Upper Quartile	5.3%	23.4%	9.3%	0.6	-0.1	1.0
Median	2.7%	24.9%	7.4%	0.3	-0.2	0.9
Lower Quartile	-0.3%	27.7%	5.8%	0.0	-0.3	0.9
95th Percentile	-4.5%	33.4%	3.8%	-0.8	-0.5	0.8
Observations	220	220	220	220	220	220

¹DFA Blended Benchmark is a blend of the Russell 2000 Value Index prior to January 2007, and the S&P/Citigroup 600 Value Index from January 2007 going forward.

Note: Based on monthly, gross of fee performance data, since inception. Universe rankings are against the eVestment Alliance universe of managers as of December 31, 2009.